

**COMMONWEALTH of PENNSYLVANIA**  
**DEPARTMENT of MINES and MINERAL INDUSTRIES**



**Anthracite and Bituminous Division**

**1969**

***Annual Report***

**Harrisburg, Pennsylvania**

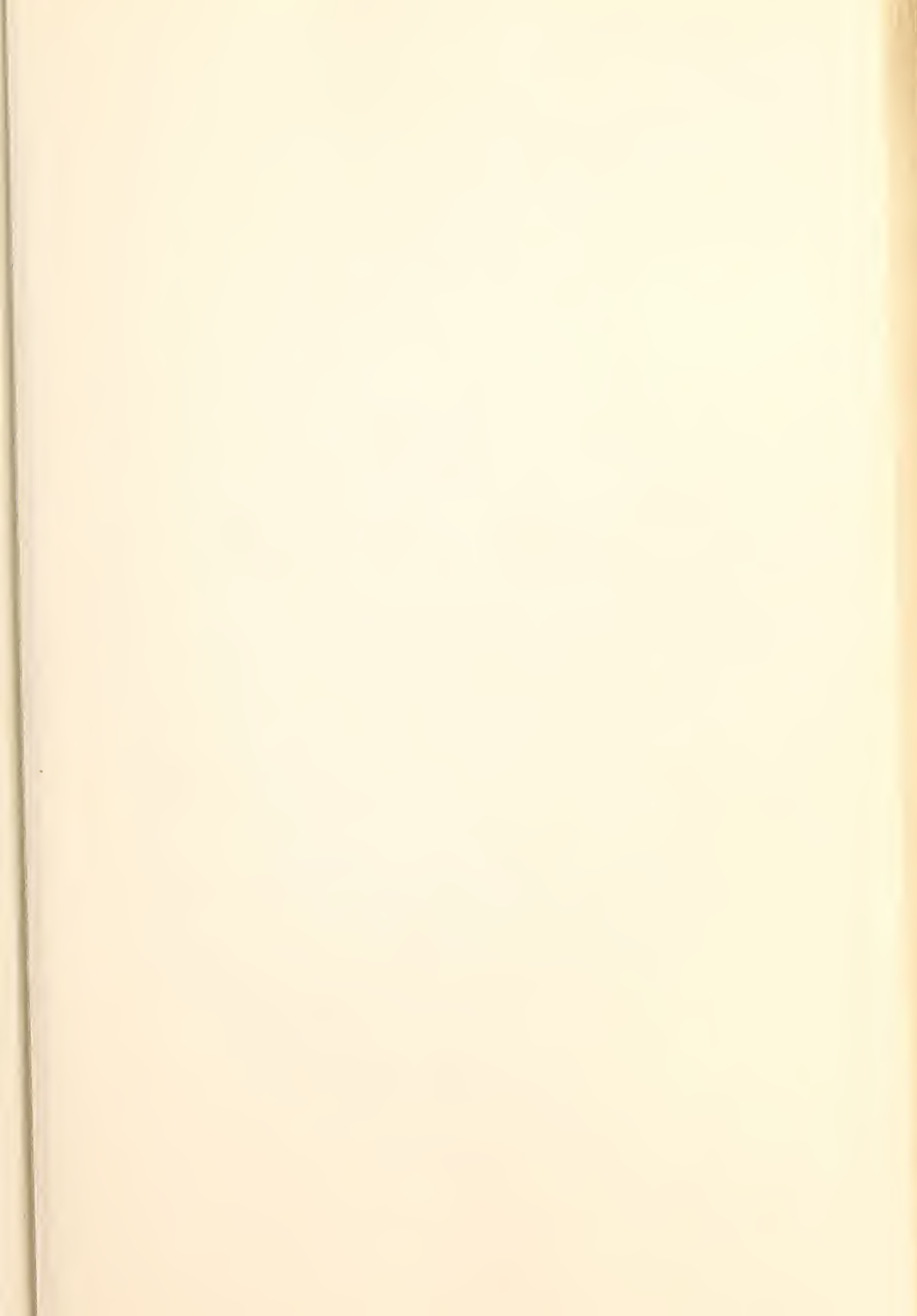
**RAYMOND P. SHAFER**

**Governor**

**H. B. CHARMBURY**

**Secretary of Mines and Mineral Industries**









COMMONWEALTH OF PENNSYLVANIA

RAYMOND P. SHAFER

Governor



DEPARTMENT of MINES and MINERAL INDUSTRIES

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ANTHRACITE and BITUMINOUS DIVISION

**1969**

ANNUAL REPORT

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COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND  
MINERAL INDUSTRIES  
HARRISBURG

H. B. CHARMBURY  
THE SECRETARY

April 15, 1970

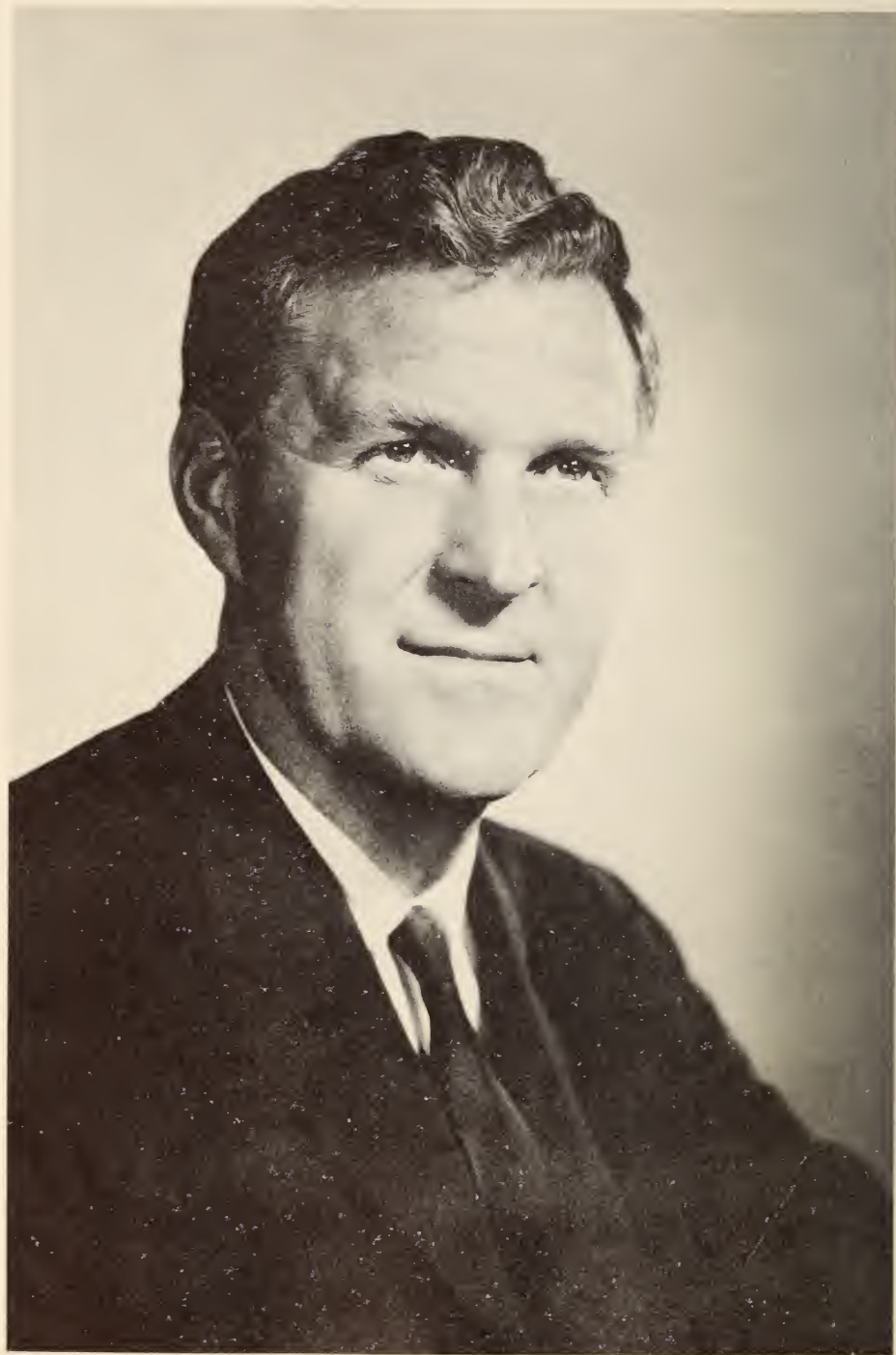
The Honorable Raymond P. Shafer  
Governor  
Commonwealth of Pennsylvania  
Harrisburg, Pennsylvania

Dear Governor Shafer:

In compliance with the Act of April 14, 1903, I  
transmit herewith the Report of the Department of Mines and  
Mineral Industries for the year ending December 31, 1969,  
covering in detail the operations in the Anthracite and  
Bituminous Coal Divisions of Pennsylvania.

Respectfully submitted,

*H. B. Charmbury*  
H. B. Charmbury



RAYMOND PHILIP SHAFER  
GOVERNOR, COMMONWEALTH OF PENNSYLVANIA

Pennsylvania's Governor Raymond Philip Shafer was born March 5, 1917, in New Castle, Pennsylvania, and raised in Meadville where he attended the public schools. At his high school commencement in 1934 he proved that a star basketball player could be class valedictorian.

His athletic-academic abilities were displayed on a greater scale at Allegheny College. A political science major, he made Phi Beta Kappa, won nine varsity letters (basketball, soccer and track), was class president each year and was the student body president in his senior year.

After graduation in 1938 he went to Yale Law School. Members of his law fraternity included future Governor Scranton, two future U. S. Supreme Court Justices (Stewart and White), a future U. S. Senator (Dominick, Colorado), future author (Walter S. Lord) and others who made their mark on the national scene. LIFE magazine in 1966 reprinted this extraordinary group's portrait taken in 1940. Shafer had then become Lieutenant Governor of Pennsylvania and was the Republican nominee for Governor.

After getting his law degree in June 1941, Shafer, the following month, married his college sweetheart, Jane Harris Davies of Pittsburgh. In August the couple moved to New York City where Shafer was associated with Secretary of War Stimson's law firm (Winthrop, Stimson, Putnam and Roberts). In 1942 he was commissioned an ensign in the Navy. Before returning to inactive duty in 1945, he had logged over 80 combat missions in PT Boats, brought General MacArthur back to Corregidor in fulfillment of the famous promise, and had added the Bronze Star and the Purple Heart to his campaign medals. The official U. S. Navy Volume on PT-Boat Operations carries a photograph of Shafer, aboard a rubber raft, evacuating paratroopers pinned down by sniper fire on a small Pacific Island.

After the war, Shafer returned to Meadville to practice law. He was affiliated with the office of the late former Judge Mook, and subsequently became a partner in the firm of Thomas, Shafer, Dornhaffer and Swick. He taught business law at Allegheny College while practicing. In 1947 he was elected district attorney of Crawford County on both tickets, a feat he repeated in 1951. In 1958 he was elected to the Pennsylvania Senate, representing Mercer and Crawford Counties. In 1962 he was elected Lieutenant Governor of Pennsylvania, and two years later was the acting Chairman of the Pennsylvania delegation to the 1964 Republican National Convention in San Francisco. In November 1966 he was elected Governor, marking the first time in Pennsylvania's political history that a lieutenant governor successfully ran for the highest office.

An ardent sportsman, Governor Shafer is a top-flight golfer. His civic activities are legion. He holds memberships in many community and fraternal organizations, together with his professional associations as a member of the Bar.

Governor and Mrs. Shafer have three children: Diane, Raymond, Jr., and Jane as well as two grandchildren—(grandson) "Flip", age seven (son of Raymond, Jr.) and (granddaughter) Shona Elizabeth (born February 15, 1970), daughter of Diane.







DR. H. B. CHARMBURY  
PENNSYLVANIA SECRETARY OF MINES  
AND MINERAL INDUSTRIES

Pennsylvania's Secretary of Mines and Mineral Industries, Dr. H. Beecher Charmbury, was born September 21, 1914 in Hanover, Pennsylvania, and educated in Hanover public schools.

Dr. Charmbury commands a wealth of professional education and experience in his post as Secretary of Mines and Mineral Industries.

He was first appointed to this position by former Governor William W. Scranton in January, 1963, and subsequently reappointed by present Governor Raymond P. Shafer in December, 1966.

He received his A. B. degree in chemistry, cum laude, from Gettysburg College in 1936, and his Master's degree in chemistry from Pennsylvania University the following year. He was awarded his Ph. D. degree in Fuel Technology from the Pennsylvania State University in 1942. He was also awarded his Sc. D. at Gettysburg College in June 1969.

Prior to his appointment as Secretary of Mines and Mineral Industries, Dr. Charmbury has been associated with The Pennsylvania State University since 1937 and currently is on leave of absence from that school. He started out as a research assistant in the Department of Petroleum and Natural Gas, and from there went on to become Professor and Head of the Department of Mineral Preparation at Penn State in 1953.

He was one of the first people to be invited as a lecturer at the Third International Coal Preparation Congress in Liege, Belgium in 1958, and was also a lecturer at the First European Symposium on Coal Size Reduction in Frankfurt, Germany in 1962.

The firms to which he has been a consultant on problems related to coal, metallic and non-metallic minerals, as well as air pollution, reads like a blue chip list of American industry. A partial list includes the Molybdenum Corporation of America; Rochester and Pittsburgh Coal Company; Esso Research and Engineering Company; The Babcock and Wilcox Company; The American Tool and Supply Company; The Lampa Mining Company, Ltd.; Corn Products Company; "Rock Products" (Maclean-Hunter Publications); and Titan Metal Manufacturing Company. In addition he has also served as consultant to many municipalities on similar problems.

He has authored numerous articles on coal and other mineral technology for such publications as "Mechanization", "Utilization", "Rock Products", "Mineral Industries", "Brick and Clay Record", and "Mining Engineering". Many of his technical papers have been translated and reprinted abroad in German, French and Chinese publications.

As a renowned authority on coal, its preparation and usage, as well as other minerals, Dr. Charmbury has also presented technical papers before such conclaves as the American Mining Congress, the American Chemical Society, and the National Association of Industrial and Mechanical Engineers.

He is listed in *American Men of Science*, *Who's Who in American Education*, *Who's Who in Engineering*, *Who's Who in the East*, and *Leaders in American Science*.

As Secretary of Mines and Mineral Industries in Pennsylvania, Dr. Charmbury serves as chairman of the following boards and commissions: Bituminous Land Reclamation Board; Coal Research Board; State Mine Subsidence Insurance Fund; Oil and Gas Conservation Commission; Anthracite and Bituminous State Mine Inspectors' Examining Board; Oil and Gas Inspectors' Examining Board; and the Anthracite Mine Drainage Commission.

In addition, he is vice-chairman of the Anthracite Allocation Committee as well as a member of the State's Sanitary Water Board and the Air Pollution Commission. He also is a member of the Board of Trustees of the Pennsylvania State University.

He is a member of the Lutheran Church, A. F. & A. M., and a past exalted ruler and past district deputy grand exalted ruler of the B. P. O. Elks. He currently serves as a National Grand Trustee to this fraternal order.



This strip mine reclamation project, in Northumberland County, is typical of the kind of restoration being performed by both the active surface mining industry as well as by the Commonwealth Department of Mines in its 'Scarlift' action program. This area is in the Ferndale section near Shamokin.

## A REPORT ON THE ACCOMPLISHMENTS OF PENNSYLVANIA'S DEPARTMENT OF MINES AND MINERAL INDUSTRIES DURING 1969

by

*Dr. H. B. Charnbury, Secretary*

Tremendous progress has been made over the past year in areas of this Department's primary concern.

For example, Pennsylvania's coal industry has not only made the Commonwealth the electricity capital of the nation, but it is also the best example in the state of an industry that's doing a good job in complying with our air and stream pollution laws.

**Two of my main** objectives when I first became Secretary of Mines and Mineral Industries back in 1963, were to do all I could to help the coal industry make Pennsylvania the electric power producing capital, and to see to it that the technological answers to this industry's air and stream pollution problems were provided.

I am most happy to report that both of those goals have been overwhelmingly realized during the past year.

By and large, the coal industry of Pennsylvania, at least, has succeeded in reversing its former image as a wholesale contributor to the air and water pollution problems confronting our State. We're still fighting scars from the past, and we're making great strides in correcting them, too. But future generations of Pennsylvanians should not have to worry about the current coal industry from a pollution standpoint.

**As a member of** both the Sanitary Water Board and Air Pollution Commission, I have seen three major factors at work during the past year which, to my way of thinking, have all but eliminated the surface and deep coal mine industries from the roles of major industrial polluters in Pennsylvania. These are 1. our strong, but fair anti-pollution laws, 2. a healthy attitude on the part of the overall coal industry to comply with those laws, and 3. strong, but equally fair, enforcement by our own Department of Mines and Mineral Industries.

These factors may not exist in other coal mining states, in fact, I'm sure they don't all prevail at the same time. But they have all been combined in Pennsylvania to make our state a showcase of conservation achievement for the rest of the nation. For example, during the past year, our Department was host on several field trips to sportsmen, officials, and even other coal industry representatives from West Virginia, Kentucky, Tennessee, Ohio and the TVA. On each of these occasions, the visitors expressed amazement over the technology that was manifested and the progress we have made in the areas of strip mine land reclamation and mine acid water control under our present laws.





In June, 1967, workmen from the Department of Mines and Mineral Industries installed the 'Scarlift' project sign along I-81 and near the bank, signifying the beginning of the end for this mountain of air pollution. Bank temperatures ranged well over a thousand degrees. Lower photo shows area as it looked near project's end.



The Department's abandoned mine water reclamation segment of 'Scarlift' got a boost during 1968 with the purchase and deployment of five "fire engine" portable neutralization plants. Used for emergency purposes throughout both the Anthracite and Bituminous regions, these little plants are proving significant in prevention of huge acid drainage "slugs" which materially affect aquatic life in our streams and rivers. Photos show two of the portable plants in use at Hillsdale, Grant Township, Indiana County.

**By way of review** of the past year, current surface or strip mine operators in the state restored 9,306 acres of despoiled lands during their active mining operations in 1969. They have averaged close to 10,000 acres per year in restoration for the past four years. Anthracite strip mine operators restored 432.56 acres in 1969.

In addition, deep coal mine operators now have some 140 treatment plants onstream in controlling their mine water wastes, while applications for another 204 such plants are now before the state for approval.

Not only that, but solid coal wastes or refuse from these active deep mines are being deposited, compacted, covered, and then seeded with suitable plant life so as not to create any new mountainous banks that are unsightly and potential air pollution hazards, too.

**Bituminous coal production** went up over the previous year, from 75,714,611 tons to 78,185,036 tons through 1969.

The future of the coal-by-wire concept has also never been brighter due to the instant success of mine-mouth power installations and the unit coal train. As evidence, witness the fact that the Penn Central Railroad is now carrying Pennsylvania-mined bituminous coal to 51 different electric power stations scattered throughout the northeastern United States. These coal-burning installations have a combined power output of 24,304,320 KW.

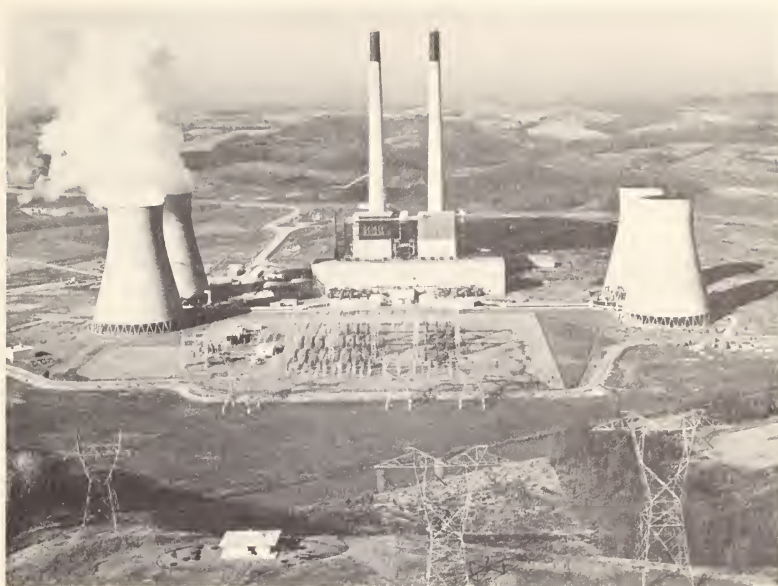
Of that total, the Chestnut Ridge energy center located in the central highlands area of Pennsylvania is producing 6,757,130 KW, and that surpasses the combined output of Niagara Falls, Grand Coulee and Hoover Dams. Chestnut Ridge is made up of eight mine-mouth power installations, such as the Conemaugh complex near Johnstown and the Keystone complex near Indiana, Pennsylvania. These mine-mouth power installations are currently employing 10,000 men, and by 1975, it is estimated that they will be employing 14,000 men all told. Coal production in the central highlands area totalled 26 million tons in 1965, and I expect that figure will be doubled by 1975 when planned new mine-mouth installations go into operation.

On the other hand, anthracite production continued its downward trend, however, due to market failures experienced over the past years. Through 1969, only 10,165,805 tons were produced, while 11,025,482 tons were produced during the corresponding period in 1968.

**Control of dust** and gas accumulations in the deep mines through better ventilation procedures, along with more rigid roof control, remain pressing problems. Critical, too, is the urgency of finding trained manpower to fulfill the coal industry's market commitments in the months and years ahead, but unquestionably a key factor as to whether or not the industry finds that much needed manpower will be the intensity of our combined efforts to minimize the hazards created by dust, gas and roof falls.

During 1970, I intend to see that research we began two years ago on these problems is completed and brought to the work faces in the mines so that we can prove or disapprove the results.





**KEYSTONE GENERATING STATION** every hour converts 650 tons of Central Pennsylvania coal into 1,800,000 kilowatt-hours of electricity for transmission to 5,000,000 customers of its seven owning private utilities in Pennsylvania, Maryland, New Jersey, Delaware, Virginia and the District of Columbia. It is the bellwether of a huge energy development which makes Chestnut Ridge the most powerful energy center in the nation. **PHOTO BELOW** shows typical example of a coal industry lime neutralization treatment facility, one of some 160 active facilities treating mine waste water in Commonwealth by the state's coal companies. This plant, owned by Pittsburgh Coal Division of Consol, neutralizes some 1.1 million gallons per day from the Montour No. 4 mine in Washington County.

We must find the answers, and we will, just as we did on acid mine drainage.

**Our progress** in mine area restoration work during the past year is also nothing less than a landmark conservation achievement which has vaulted Pennsylvania to the point of being 10 years ahead of other states plagued by similar problems.

In this regard, there is no question in my mind, that what Pennsylvania has accomplished and the progress we have made in attacking mine drainage pollution and air pollution from burning refuse banks constitutes not only a technological breakthrough, but a major scientific contribution to the world, wherever coal is or has been mined.

I must credit the \$500 million Land and Water Conservation Act (Project 500), which provides our Department with \$200 million in project money over a 10-year span, as the financial catalyst which is helping us to transform the coal regions of our State from an area of blight, to one of new industrial and tourist potential. Without the bond issue money, which is our principal source of funds, we would be just like the other coal mining states—and that is nowhere when it comes to comprehensive action and results.

**The rest of the Nation** seems to be just now awakening to the critical need for environmental pollution controls, while we have been working in the field for the past seven years doing something about them. If the Nation, as President Nixon has indicated, is going to undertake an all-out effort on air and water pollution control, then certainly Pennsylvania's progress over the past few years on these matters should put us in the best position of any of the states to achieve maximum results.

Depending on the Federal money allocated in the years ahead, and what's equally important, the dispatch with which that money reaches the State agencies to do the job, we can foresee the time within the next 10 years when Pennsylvania's coal regions will truly enhance the overall beauty of the state, not detract from it.

**Our Department successfully** completed a total of 99 anthracite and bituminous mine area reclamation projects under 'Operation Scarlift' during 1969, at a cost of \$6,703,086. Besides the bond issue, additional funds for this program were supplied to the Department from direct allocations by the legislature, matching grants from the federal government and Coal Research Board field-demonstration type grants.

Of the total, there were 28 stream pollution abatement projects completed at a cost of \$585,836; eight air pollution elimination projects (burning refuse banks), extinguished at a cost of \$2,430,258.03; 10 mine subsidence prevention projects completed at a cost of \$2,065,825.41; 14 underground mine fire extinguishment projects completed at a cost of \$1,309,826.33; 13 strip mine reclamation projects completed on public lands at a cost of \$286,879.75; and 26 abandoned deep mine openings sealed at a cost of \$24,457.05.





#### DR. CHARMBURY DEDICATES NEW BURGETTSTOWN PLANT

Mines Secretary H. B. Charmbury tells crowd assembled for groundbreaking of new Burgettstown (Washington County) ion exchange treatment plant that "This new plant signifies the dawn of a golden era of conservation for Pennsylvania". Burgettstown plant will purify up to a million gallons daily of mine drainage polluted Raccoon Creek which flows into Dinsmore Reservoir, and is main supply source of Smith Township Water Authority. Photo below shows plant near completion. It will be dedicated in the summer of 1970.





**ANTHRACITE  
DIVISION  
STATISTICAL  
REPORTS**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION  
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS AND WASHERIES  
EMPLOYES, FATALITIES, ETC.  
1870 - 1969

Year	Total production (net tons) #	Washery production (net tons)*	Stripping production (net tons)*	Employees #	Fatal- ities #	Produc- tion per fatality #	Fatal- ities per million tons #	No. of ins- pec- tors #
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	119,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110			138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,277		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,441,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatal- ities	Produc- tion per fatality	Fatal- ities per million tons	No. of ins- pec- tors
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	211	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,445	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	13,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16
1969	10,465,805	3,319,018	4,696,123	6,461	13	781,985	1.28	16

\* Included in total production.

# No accurate record previous to 1870.

‡ No accurate record previous to 1894.

% No accurate record previous to 1932.

\*\* In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.



YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	1,207,553	19,238,222	244,773	655,000	455,759	87,277,449
1930	1,754,134	865,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1931	1,886,084	885,424	865,774	12,768,631	23,766,625	7,128,763	12,925,765	75,542	157,506	157,115	59,115,387
1932	1,821,911	977,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	97,514	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,707	10,252,019	126,101	130,715	125,242	49,507,577
1934	2,057,670	631,835	631,835	12,440,808	21,438,372	7,767,112	12,911,938	189,070	179,236	265,390	56,798,951
1935	1,703,018	824,803	507,467	10,437,284	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	55,359,111
1936	1,873,797	1,506,144	400,756	11,154,691	21,315,049	5,208,201	12,333,446	213,647	19,169	196,914	54,284,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,515	99,879	15,339	102,858	54,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216	99,383	7,030	10,975	46,269,511
1939	2,514,352	964,346	476,960	9,198,552	22,377,666	4,815,235	9,885,579	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,242,175	86,449	9,071	5,602	51,596,454
1941	2,401,741	1,067,473	574,749	8,973,827	24,316,481	5,295,913	11,822,153	49,179	124,791	5,602	51,399,707
1942	2,796,798	998,124	574,749	9,344,388	25,767,343	5,295,913	13,520,462	49,179	124,791	5,602	51,399,707
1943	3,450,839	861,015	229,628	9,449,647	24,062,663	5,295,913	17,396,092	101,977	73,037	34,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594	117,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,221	21,073,255	5,001,063	16,731,289	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	-	58,227,985
1948	2,801,893	1,679,495	10,251	8,610,881	21,591,846	6,937,340	17,275,544	63,230	138,327	-	59,108,810
1949	2,126,682	1,380,732	61,309	6,221,743	15,989,846	5,200,490	13,538,194	23,585	167,457	-	44,710,118
1950	1,888,317	1,281,807	524,275	6,526,466	17,112,757	5,211,507	14,066,493	26,690	73,443	-	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079	28,762	42,369	-	42,369,055
1952	1,899,297	760,695	868	5,303,515	13,774,952	5,326,146	12,977,572	24,055	40,067	-	40,067,130
1953	1,561,836	745,649	21,811	3,555,642	10,675,181	4,247,561	10,142,880	18,085	-	-	30,495,391
1954	1,272,419	568,733	52,281	2,903,470	9,241,275	3,283,315	7,836,675	20,238	-	-	26,612,312
1955	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660	9,625	-	-	25,934,792
1956	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402	5,715	-	-	28,175,633
1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,445,614	8,548,317	6,841	-	6,361	25,153,466
1958	623,195	886,009	123,661	2,094,170	6,774,033	2,600,831	7,307,439	15,174	1,680	27,683	20,456,475
1959	518,252	692,224	142,720	2,447,827	6,472,740	2,551,604	7,432,081	8,052	-	5,107	19,670,615
1960	519,232	1,744,231	129,002	1,853,008	5,380,696	6,933,916	6,933,916	13,828	679	1,568	17,721,113
1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844	16,534	1,645	1,318	16,506,612
1962	497,925	411,185	110,384	1,079,459	6,090,572	2,002,891	6,583,012	10,786	589	16,496	16,496,315
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130	8,729	9,512	8,007	17,411,202
1964	551,442	910,704	237,555	879,898	5,619,906	2,267,083	6,011,130	15,081	-	1,499	16,524,687
1965	444,826	444,272	196,495	660,558	5,346,676	1,600,886	5,538,420	23,096	2,395	193	14,229,817
1966	507,724	299,622	167,568	501,487	4,478,217	1,431,444	4,624,032	20,474	1,137	-	12,031,375
1967	545,089	341,073	162,243	431,073	3,476,283	1,117,420	4,261,992	34,766	369	-	11,552,441
1968	533,757	507,860	122,743	559,459	3,192,065	1,680,202	4,297,648	37,159	9,589	-	11,025,482
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	1,125	-	10,165,805

Total pro-  
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(net  
tons)

## FORTY-ONE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMPTON	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,043	35,915	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	1,997	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	918	1,126	22,954	46,737	8,161	21,062	510	200	225	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	209	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,382
1940	4,376	1,664	867	17,860	43,238	7,397	16,039 c	187	145	17	80,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,915 d	144	37	16	86,449
1942	4,433	1,486	553	11,388	39,219	6,498	16,915 e	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	119	12,344	33,660	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,953	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	-	-	66,438
1953	2,987	1,298	71	8,956	23,974	4,949	15,116 o	61	-	-	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955	2,497	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,113	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,568	2,115	5,538 w	13	2	6	14,704
1963	367	366	187	1,239	4,686	1,944	5,497 x	13	-	14	14,323
1964	334	519	186	1,171	4,538	1,948	4,832 y	19	3	5	13,584
1965	200	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892 bb	15	5	3	7,828
1968	198	188	77	421	2,366	765	2,616	15	6	-	6,682
1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461

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YEAR	CARBON	COLUMBIA	DUPHIN	LACKAWANNA	LUZERNE	NORTHUMED.	SCHUYLKILL	SULTAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,596	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	20,205	44,054,141
1925	736,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,182,976	38,148	42,749	13,458	31,675,665
1930	530,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,718,290	38,404	67,648	67,648	24,959,113
1932	737,711	160,097	276,268	5,011,732	7,254,183	1,822,717	3,516,543	67,632	25,763	31,228	19,173,874
1933	1,555,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	61,680	18,301,721
1934	756,134	206,878	248,595	5,381,563	8,991,190	1,958,718	4,097,458	88,891	53,800	61,680	21,812,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	67,390	44,585	16,844,287
1936	781,883	367,474	411,498	4,439,959	8,048,873	1,606,329	3,598,172	127,098	4,275	39,196	19,154,957
1937	725,560	378,726	176,737	3,561,676	6,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,519	175,948	3,162,859	7,699,347	1,316,707	3,039,160	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408	21,382	43,656	2,735	17,225,261
1940	789,347	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419	24,633	20,590	24,411	16,978,821
1941	846,859	274,325	129,826	3,065,605	8,586,535	1,479,290	3,260,577	27,035	5,708	2,544	17,676,304
1942	1,021,653	349,244	21,813	3,462,164	10,463,813	1,535,344	3,972,274	21,884	6,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538	39,286	3,276	*	22,809,700
1944	1,446,126	500,057	46,488	3,703,717	10,246,301	1,681,792	5,125,620	59,589	*	*	21,447,939
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602	53,892	16,225	*	22,392,531
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	5,202	*	21,534,064
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	28,335	7,704	*	16,362,473
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772	12,760	16,320	*	17,600,000
1949	870,672	511,400	9,553	2,615,820	6,578,335	1,405,854	4,338,959	12,760	30,131	*	13,995,768
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437	14,265	2,250	-	10,169,884
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356	12,970	-	-	7,691,416
1952	696,734	301,122	10,857	2,041,500	5,989,000	1,149,720	3,790,865	8,875	-	-	6,709,836
1953	367,751	164,373	9,945	1,397,249	4,483,035	880,576	2,676,234	5,819	-	-	7,305,590
1954	377,622	152,351	31,613	839,153	3,085,312	948,934	2,264,934	1,953	-	-	6,185,180
1955	411,399	202,062	45,290	982,114	3,015,005	519,882	1,768,767	2,442	-	544	3,618
1957	267,133	213,100	39,381	825,397	2,982,331	666,321	1,803,776	1,820	600	-	536
1958	146,811	181,801	32,798	555,748	1,812,300	558,029	1,574,124	4,286	-	-	3,638,309
1959	88,229	112,597	32,264	602,415	1,370,903	535,469	1,382,621	2,950	340	900	2,992,342
1960	77,790	77,423	33,350	531,703	1,274,306	486,175	1,151,822	4,176	363	696	3,321,787
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644	2,159	368	246	3,090,999
1962	79,582	64,902	33,008	299,178	997,943	390,864	1,123,798	1,730	-	2,576	2,930,607
1963	102,359	55,766	38,158	259,189	1,098,611	432,181	1,100,426	1,624	-	310	2,256,834
1964	68,057	104,492	27,552	250,347	1,057,471	408,207	1,002,987	1,293	660	360	1,828,156
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710	2,624	406	30	1,707,856
1966	43,001	37,488	21,965	107,826	729,437	233,234	652,550	2,221	188	-	1,499,602
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087	3,749	468	-	1,374,906
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	-	-	-
1969	61,244	43,544	15,673	85,247	452,572	153,040	558,604	4,850	132	-	-

Man-Days

FORTY-ONE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	175	66	185	183	180
1932	139	161	167	169	151	181	161	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	113	217	198	187
1936	142	215	159	224	224	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168	a	103	163	171
1939	175	161	205	180	190	194	175	b	100	186	185
1940	180	194	204	195	183	180	191	c	132	144	187
1941	190	184	221	205	196	217	196	d	112	142	187
1942	230	235	39	201	259	236	234	e	188	154	199
1943	267	267	287	273	277	259	258	f	212	219	246
1944	293	292	312	300	304	262	274	g	234	*	269
1945	265	267	261	270	274	258	250	h	*	292	292
1946	262	234	74	275	278	257	251		174	*	265
1947	269	270	139	272	283	269	277		272	*	266
1948	272	163	199	279	281	285	250	i	255	-	277
1949	197	291	115	224	186	234	250	j	188	-	268
1950	220	280	195	235	205	280	216	k	200	-	207
1951	193	227	180	250	222	240	250	l	260	-	220
1952	213	222	224	222	222	240	241	m	280	-	220
1953	168	163	140	240	238	210	215	n	250	-	233
1954	118	172	210	119	187	178	177	o	-	-	211
1955	#	136	156	171	179	232	178		-	-	179
1956	198	183	216	223	209	119	175	p	-	-	172
1957	141	186	206	192	210	210	205	q	68	-	179
1958	175	171	196	192	190	207	189	r	-	-	209
1959	144	167	155	186	188	185	185	s	-	-	189
1960	102	133	160	181	163	187	175	t	200	201	182
1961	227	166	160	202	212	173	166	u	-	134	172
1962	235	168	148	197	222	242	192	v	85	90	180
1963	264	152	204	209	219	185	203	w	121	116	196
1964	204	190	200	214	237	217	200	x	184	141	204
1965	187	186	171	168	233	210	208	y	-	184	216
1966	186	237	188	118	223	180	196	z	-	62	216
1967	202	268	191	204	213	178	190	aa	220	120	191
1968	265	146	205	240	220	224	211	bb	81	10	190
1969	216	283	195	207	218	226	225		37	-	218
						190	214		78	-	224
									16	-	213

Aver-  
age  
days  
worked

FORTY-ONE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	-	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	3	243
1933	3	-	1	59	110	14	43	2	-	1	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	3	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	106	108	13	27	-	1	-	210
1940	7	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	96	7	33	-	-	-	189
1942	4	6	-	37	128	16	35	-	-	-	225
1943	7	5	-	35	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	18	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955	5	-	-	5	32	6	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	-	1	-	7	15	4	9	-	-	-	31
1959	1	2	-	2	24	4	9	-	-	-	46
1960	1	1	-	6	14	3	5	-	-	-	35
1961	1	-	-	11	10	3	4	-	-	-	19
1962	-	-	-	1	11	1	14	-	-	-	26
1963	1	1	-	3	12	4	9	-	-	-	30
1964	-	-	-	1	7	4	8	-	-	-	24
1965	-	2	1	1	2	1	2	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	2	2	-	8	-	-	-	4
1969	-	-	-	-	1	1	-	-	-	-	13

Fatal-  
ities

FORTY-ONE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LIZIERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	94,975	159,007	163,139	179,651	189,672	174,093	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	10,994	154,902
1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	-	52,502	153,946
1932	607,304	497,966	84,135	108,801	166,621	369,938	249,515	-	-	124,196	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
1934	393,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,158
1935	425,755	274,934	78,495	208,745	171,213	343,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	-	-	102,858	213,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,311	99,879	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	-	-	244,761
1940	362,558	513,813	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,202	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	586,561	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	284,697	522,853	187,007	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	336,237	718,746	594,867	-	-	-	450,947
1952	237,412	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,854	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	444,781	395,377	1,644,657	979,584	-	-	-	566,219
1955	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	888,009	888,009	-	1,047,085	451,602	650,208	811,382	-	-	-	659,886
1959	518,252	346,414	-	357,971	257,197	637,901	427,622	-	-	-	427,622
1960	519,583	168,455	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	474,234	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	533,688	1,702,891	469,279	-	-	-	634,474
1963	-	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	-	-	879,898	807,129	283,385	747,312	-	-	-	688,529
1965	-	208,136	196,495	-	2,673,338	1,600,886	2,747,459	-	-	-	1,788,727
1966	-	-	-	-	2,239,108	-	1,541,344	-	-	-	2,406,275
1967	-	-	-	-	1,048,071	708,710	1,419,764	-	-	-	1,253,605
1968	-	-	-	279,229	1,738,032	-	-	-	-	-	2,756,370
1969	-	-	-	-	810,244	1,309,566	516,748	-	-	-	781,985

Pro-  
duc-  
tion  
per  
fatal

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUTHERNE	NORTHUMBER	SCHUYLKILL	SULLIVAN	SUSQUEHANNA	WAYNE	DIVISION
1924	8.30	22.05	12.35	12.05	11.29	9.18	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	11.05	11.29	9.63	10.97	-	18.96	69.03	14.02
1931	14.89	17.38	13.45	11.05	11.29	9.63	10.97	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1933	6.58	19.34	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1934	9.25	16.84	8.05	10.96	12.68	12.25	11.47	11.25	37.17	-	11.90
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	11.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	14.19
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	-	-	-	12.58
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.18	19.01	-	102.94	11.52
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	13.15
1940	7.60	6.21	16.96	12.08	11.68	7.53	10.76	-	-	-	12.19
1941	9.45	7.29	15.41	12.08	11.41	10.73	10.73	-	-	-	10.72
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.69
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.94
1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	10.19
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	7.50
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	6.82
1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.88
1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	7.41
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	6.08
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	5.62
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	4.89
1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	-	5.98
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	6.57
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	5.80
1955	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	6.11
1956	9.66	-	-	7.12	7.71	9.00	6.07	-	-	-	8.94
1957	11.23	18.77	25.39	8.48	8.46	8.95	5.54	-	-	-	7.39
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	8.25
1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	6.37
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	11.06
1961	12.65	-	-	2.28	8.77	7.35	3.17	-	-	-	9.62
1962	-	-	-	-	11.02	2.56	12.16	-	-	-	5.72
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	8.69
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	9.71
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	8.19
1966	-	-	-	-	2.74	-	4.60	-	-	-	3.54
1967	-	-	-	-	5.92	10.13	4.91	-	-	-	2.73
1968	-	-	-	-	3.84	-	-	-	-	-	5.28
1969	-	-	-	-	8.84	6.53	14.32	-	-	-	2.67
											9.46

Fatal-  
ities  
per  
mil-  
lion  
man-  
days

EXPLANATION OF SYMBOLS USED IN THIS REPORT

a -	Includes	6,184	tons	13	employees,	124	days	and	1,612	man-days	for	Lebanon	County
b -	"	13,927	"	5	"	198	"	"	990	"	"	"	"
c -	"	17,330	"	13	"	136	"	"	1,773	"	"	"	"
d -	"	30,716	"	26	"	187	"	"	4,856	"	"	"	"
e -	"	35,641	"	39	"	118	"	"	4,593	"	"	"	"
f -	"	21,981	"	22	"	257	"	"	5,654	"	"	"	"
g -	"	21,550	"	14	"	210	"	"	2,940	"	"	"	"
h -	"	37,690	"	41	"	241	"	"	9,881	"	"	"	"
i -	"	21,982	"	6	"	223	"	"	1,338	"	"	"	"
j -	"	21,763	"	7	"	226	"	"	1,582	"	"	"	"
k -	"	22,978	"	5	"	267	"	"	1,335	"	"	"	"
m -	"	26,567	"	13	"	308	"	"	2,020	"	"	"	"
n -	"	24,767	"	11	"	286	"	"	2,156	"	"	"	"
o -	"	6,560	"	10	"	46	"	"	460	"	"	"	"
p -	"	3,752	"	20	"	120	"	"	2,480	"	"	"	"
q -	"	6,359	"	22	"	107	"	"	2,358	"	"	"	"
r -	"	3,550	"	5	"	188	"	"	940	"	"	"	"
s -	"	9,106	"	6	"	98	"	"	588	"	"	"	"
t -	"	4,450	"	6	"	153	"	"	910	"	"	"	"
u -	"	2,770	"	3	"	230	"	"	690	"	"	"	"
v -	"	13,654	"	5	"	72	"	"	360	"	"	"	"
w -	"	13,101	"	7	"	118	"	"	824	"	"	"	"
x -	"	26,192	"	15	"	192	"	"	2,893	"	"	"	"
y -	"	33,019	"	14	"	124	"	"	1,737	"	"	"	"
z -	"	43,000	"	10	"	163	"	"	1,630	"	"	"	"
aa -	"	39,237	"	9	"	70	"	"	634	"	"	"	"
bb -	"	2,700	"	5	"	18	"	"	90	"	"	"	"

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

\* Not segregated from Lackawanna County.

# In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.



ANTHRACITE DIVISION  
PRODUCTION OF COAL, EMPLOYEES AND FATALS BY COUNTY  
1969

County	Mines Employing Five Or More Persons				Mines Employing Fewer Than Five Persons		Total Production	Percentage of Total Production	Employees By County				Washery and Breaker	Total Em- ploy- ees	Total Fatal- ities
	Deep Mined Production	Strip Mined Production	Bank Mined Production		Deep Mined Production				Large Deep	Small Deep	Strip	Bank			
Carbon	21,190	262,613	207,856		5,500		497,159	4.89%	17	6	168	71	21	283	-
Columbia	24,840	289,934	860		12,365		327,999	3.23%	20	19	113	2	-	154	-
Dauphin	-	-	34,379		18,234		52,613	0.52%	-	32	-	7	41	80	-
Lackawanna	-	253,172	187,963		340		441,475	4.34%	-	3	229	40	138	410	-
Lebanon	-	-	-		-		-	-	-	-	-	-	-	-	-
Luzerne	812,068	1,572,405	976,503		-		3,360,976	33.06%	789	-	530	261	497	2,077	4
Northumberland	230,718	340,474	672,119		66,655		1,309,666	12.88%	183	94	221	88	220	806	1
Schenck	785,710	1,937,799	1,237,431		173,044		4,133,984	40.67%	551	261	808	236	761	2,617	8
Sullivan	-	40,026	782		-		40,808	0.40%	-	-	14	-	11	26	-
Susquehanna	-	-	1,125		-		1,125	0.01%	-	-	-	-	-	8	-
Wayne	-	-	-		-		-	-	-	-	-	-	-	-	-
Division Total	1,874,526	4,696,123	3,319,018		276,138		10,165,805	100.00%	1,560	415	2,083	714	1,689	6,461	13

Percentage of Total Production	18.44%	46.19%	32.65%	2.72%	100.00%
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ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYES  
BY DISTRICT  
1969

Dis- trict	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatal- ities Deep	Fatal- ities Strip	Fatal- ities Bank	Total Fatal- ities	Production Per Fatal	Total Employees
1	T. M. Beaney	-	919,681	-	919,681	-	2	-	2	459,840	516
2	A. J. Latz	-	1,593,607	-	1,593,607	-	1	-	1	1,593,607	673
3	J. R. Ruane	-	1,083,685	-	1,083,685	-	-	-	-	-	512
4	Walter Davis	-	1,099,150	-	1,099,150	-	-	-	-	-	389
5	W. A. Sanders	13,865	-	439,072	452,937	-	-	-	-	-	502
6	A. A. Joyce	782,447	-	356,518	1,137,965	1	-	-	1	1,137,965	900
7	P. P. Hino	26,760	-	1,107,716	1,134,476	-	-	1	1	1,134,476	702
8	Leonard Rogers	75,834	-	335,911	411,745	1	-	-	1	411,745	259
9	G. P. Gallagher	44,972	-	289,788	334,760	-	-	-	-	-	125
10	Leon Brass	142,818	-	34,203	177,051	1	-	-	1	177,051	198
11	C. E. Kashner	112,504	-	64,022	176,526	-	-	-	-	-	188
12	J. J. Shober, Jr.	82,984	-	428,022	511,006	-	-	1	1	511,006	506
13	Joseph Halaburda	122,689	-	126,950	249,639	-	-	-	-	-	238
14	W. D. Maurer	134,700	-	7,579	142,279	1	-	-	1	142,279	155
15	A. E. Hand	337,668	-	91,287	428,955	1	-	-	1	428,955	297
16	C. E. Miller	274,393	-	37,950	312,343	3	-	-	3	104,114	301
Division Total		2,150,664	4,696,123	3,319,018	10,165,805	8	3	2	13	781,985	6,461



SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT

1969

District-Inspector	Total Number of Operators	No. of Large Mines*	No. of Small Mines*	No. of Strip Mines*	No. of Banks	Total Number of Operations	No. of Gasous Mines	No. of Non-Gasous Mines	No. of Deaths	No. of Deaths per Miner	No. of Deaths per Miner	Total Production	Bank Mined Production	Strip Mined Production	Total Production	Fatal	Pro-duction Per Fatal	
1 T. M. Beane	11	-	-	35	-	45	-	-	-	509	7	516	-	919,681	-	919,681	2	459,840
2 J. J. Latz	9	-	-	35	-	60	-	-	-	673	-	512	-	1,593,607	-	1,593,607	1	1,593,607
3 J. R. Ruess	21	-	-	38	-	389	-	-	-	389	-	512	-	1,083,685	-	1,083,685	-	-
4 Walter Davis	26	-	-	38	-	389	-	-	-	389	-	512	-	1,099,150	-	1,099,150	-	-
5 W. A. Sanders	29	4	2	-	22	26	3	1	15	224	263	1,1465	-	439,072	-	439,072	1	1,137,965
6 A. A. Joyce	7	4	-	-	5	9	4	7	765	31	104	900	-	356,518	-	356,518	1	1,137,965
7 P. P. Hino	32	10	8	-	32	42	2	8	198	1468	702	1,1760	-	1,107,716	-	1,107,716	1	1,134,476
8 Leonard Rogers	28	19	15	-	8	27	6	13	47	131	259	75,934	-	335,911	-	335,911	1	441,745
9 G. P. Gallagher	21	13	8	-	9	22	6	7	38	18	125	44,972	-	289,788	-	289,788	1	441,745
10 Leon Brass	24	12	11	-	2	26	6	18	117	10	71	198	-	34,203	-	34,203	1	177,001
11 C. E. Kasper	30	17	17	-	2	19	7	10	95	5	88	188	-	112,504	-	112,504	1	177,001
12 J. J. Shober, Jr.	39	22	14	-	12	34	5	17	111	282	506	1,1666	-	428,022	-	428,022	1	511,006
13 Joseph Halaburda	41	29	15	-	7	36	6	23	137	76	238	126,950	-	126,950	-	126,950	1	219,639
14 W. D. Maurer	23	20	13	-	4	24	2	18	107	8	155	134,700	-	134,700	-	134,700	1	112,879
15 A. E. Hand	33	32	13	-	3	35	12	20	216	6	75	297	-	337,668	-	337,668	1	428,955
16 C. E. Miller	43	40	29	-	3	43	12	28	228	9	66	301	-	314,352	-	314,352	1	110,114
Division Total	421#	234	136	174#	109	517	71	163	1,975	2,083	714	1,689	6,461	4,696,123	3,319,018	10,105,805	13	781,985

\* 116 Small Deep Mines are included in the total number of Deep Mines; 145 Small Deep Employees are included in

Deep Employees; 276,118 Small Deep Production is included in Deep Mined Production.

# Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 355, including 63 companies operating strip mines.

Production, How Shipped, Average Days Worked, Employees, Explosives  
Fatal and Non-fatal Accidents  
By Inspection District - 1969

Dis- trict	Production - Net Tons				Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market By railroad	By truck	Sold to local trade	Used at colliery for steam and heat	Total production	permiss- ible ex- plosives used				
1	297,358	241,649	378,961	1,713	919,681	6,228,727	243	516	2	11
2	372,410	512,113	203,101	5,983	1,593,607	-	211	673	1	33
3	114,232	552,762	115,158	1,533	1,083,685	7,977,910	213	512	-	28
4	529,526	274,444	293,972	1,208	1,099,150	11,811,287	238	389	-	23
5	163,365	223,863	63,970	1,739	1,052,937	7,590	191	502	-	16
6	289,229	659,632	188,547	557	1,137,965	773,750	233	900	1	126
7	824,074	179,653	128,894	1,855	1,134,476	10,445	181	702	1	38
8	42,577	316,493	52,588	87	441,745	14,635	183	259	1	43
9	63,438	236,039	34,752	531	334,760	31,620	200	125	-	1
10	29,915	104,086	43,044	6	177,051	90,650	211	198	1	22
11	53,225	100,126	23,175	-	176,526	57,015	234	188	-	6
12	208,872	197,208	104,674	252	511,006	52,130	169	506	1	24
13	61,832	135,478	51,019	1,310	249,639	116,943	218	238	-	13
14	30,988	78,718	31,998	575	142,279	115,860	239	155	-	19
15	120,144	221,304	85,518	1,989	428,955	249,125	245	297	1	9
16	57,222	160,202	93,754	1,135	312,343	166,631	226	301	3	23
Total	4,058,437	4,193,770	1,893,125	20,473	10,165,805	27,734,348	213	6,461	13	435

ANTHRACITE DIVISION  
SMALL MINE REPORT - 1969\*

Dis- trict	Number of Small Mine Operators	Number of Small Mines	Number of Men Employed in Small Mines	Small Mine Production	Fatal Acci- dents	Non- fatal Acci- dents	Number of Man-Days
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	2	2	3	340	-	-	264
6	-	-	-	-	-	-	-
7	8	8	17	8,258	-	-	3,478
8	15	15	42	19,409	-	-	4,865
9	8	8	24	14,656	-	1	4,798
10	12	12	35	34,730	-	-	7,407
11	7	7	26	15,420	-	-	4,626
12	14	14	45	21,096	-	-	10,991
13	15	15	47	22,054	-	1	6,570
14	13	13	38	29,881	-	1	6,378
15	13	13	46	45,457	-	-	12,120
16	29	29	92	64,837	1	2	14,582
Total	136	136	415	276,138	1	5	76,079

\* All figures included in report of Summary of Anthracite Mines, Production and Fatalities By District.

## ANTHRACITE DIVISION

District	Mechanical Loading			Electric Motors			Pumps Delivering Water to Surface	
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under-cutting or Mining Machines	Number of Loading Machines	Number of Tons Produced by Mechanical Loading	Number of Employees engaged in this class of work	Total Horse-power	Total Number	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	12	2	14,400,000
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	15	-	-	13,865	17	1,750	3	7,261,084
6	150	1	7	781,447	336	713	1	7,220,000
7	5	-	-	23,151	17	17,759	12	16,054,967
8	1	-	9	336,982	51	25,439	8	13,901,970
9	4	-	11	293,107	41	5,433	9	4,575,500
10	12	-	3	98,942	39	2,486	1	720,000
11	10	-	-	42,572	22	4,438	18	206,900
12	6	-	2	25,361	17	1,673	21	2,247,833
13	20	-	1	52,565	32	19,507	13	106,200
14	17	-	1	79,352	269	3,718	13	327,150
15	17	-	15	179,924	34	2,951	14	1,056,300
16	5	-	9	75,220	37	8,230	47	1,832,150
					24	301	33	1,311,750
Total	262	1	58	2,002,288	669	4,472	195	64,721,804

SUMMARY OF EMPLOYEES BY DISTRICT  
ANTRACITE DIVISION--1969

Dis- trict	INSIDE EMPLOYEES					OUTSIDE EMPLOYEES					GRAND TOTAL	
	Mine Foreman	Miners	Miners Laborers	All Other	Total Inside	Super- intendents	Office	Breaker	All Other	Total Outside	Inside	Outside
1	-	-	-	-	-	24	6	9	477	516	516	516
2	-	-	-	-	-	44	20	-	609	673	673	673
3	-	-	-	-	-	29	1	-	482	512	512	512
4	-	-	-	-	-	39	3	-	347	389	389	389
5	3	7	7	-	17	26	8	263	188	485	502	502
6	33	182	234	173	622	9	6	104	159	278	900	900
7	12	13	4	-	29	11	1	168	193	673	702	702
8	20	33	6	5	64	5	1	130	59	195	259	259
9	15	30	7	-	52	8	3	18	44	73	125	125
10	26	49	11	4	90	9	2	71	26	108	198	198
11	18	46	10	-	74	-	-	88	26	114	188	188
12	22	56	4	4	86	12	7	282	119	420	506	506
13	35	59	7	-	101	11	1	76	49	137	238	238
14	21	34	16	7	78	1	-	40	36	77	155	155
15	36	106	1	34	177	3	-	75	42	120	297	297
16	56	84	30	2	172	9	1	66	53	129	301	301
Total	297	699	337	229	1,562	240	60	1,690	2,909	4,899	6,461	6,461

## ANTHRACITE DIVISION

## OPERATORS PRODUCING 50,000 OR MORE TONS

1969

District	Operator	Production
3-4-7-		
11-12-13	Reading Anthracite Co.	1,123,227
1-2-3-5-		
7-12-15	Lehigh Valley Anthracite, Inc.	938,529
2-7	Jeddo-Highland Coal Co.	862,092
1-5-6	Blue Coal Corporation	767,012
2	Greenwood Stripping Corporation	563,113
6	Glen-Nan Coal Co., Inc.	532,920
8-9-16	Gangloff Brothers	451,479
6	Ken Pollock, Inc.	311,638
7	B-D Mining Co.	261,338
3	Kerris & Helfrick, Inc.	209,452
12-15	Manbeck Dredging Co., Inc.	192,238
2-7	George Huss	182,445
4-15-16	Kocher Coal Co., Inc., Leon E.	168,795
1	Northwest Mining Co., Inc.	138,082
4-13	Schuylkill Contracting Co.	122,933
8-9-10	State Coal Co., Inc.	110,420
5	C. B. M. Coal Co.	89,825
5	Olyphant Premium Anthracite, Inc.	80,123
12	William Schrickram Co.	74,674
1	Carbondale Coal Co.	74,027
5	Popple Coal Sales, Inc., Raymond	73,054
12	Mar Strip & Construction Co.	71,156
3-7-8	Capparell Stripping & Construction Co.	69,819
11-15	Bush Coal Co.	62,705
2-7	Honeybrook Mines, Inc.	60,878
7	Coleby Coal Co., Inc.	60,568
3	Rosini Coal Co.	59,259
2	Gowen Coal Co.	51,382

PRODUCTION AND ACCIDENT RECORD  
FOR OPERATORS HAVING A FATALITY  
1969

Operator	Deep Mined	Stripping	Total		Fatal Accidents		Total	Nonfatal Accidents		Production		Employees
			Bank	Production	Deep	Strip	Bank	Accidents	Per Fatal	Per Fatal	Per Fatal	
Lehigh Valley Anthracite, Inc.	-	599,122	339,407	938,529	-	1	-	1	34	938,529	546	
Jeddo-Highland Coal Co.	-	721,623	110,469	862,092	-	-	1	-	14	862,092	232	
Blue Coal Corporation	231,803	507,585	27,624	767,012	-	1	-	1	63	767,012	768	
Greenwood Stripping Corp.	-	562,893	-	562,893	-	1	-	1	22	562,893	305	
Glen-Nan Coal Co., Inc.	532,920	-	-	532,920	1	-	-	1	70	532,920	369	
Bush Coal Co.	62,705	-	-	62,705	1	-	-	1	-	62,705	31	
Hatter Coal Co.	49,817	-	-	49,817	1	-	-	1	1	49,817	22	
Marion Mining Co., Inc.	33,365	-	-	33,365	1	-	-	1	-	33,365	23	
H. & S. Coal Co.	30,008	-	-	30,008	1	-	-	1	7	30,008	25	
Harner Coal Co.	15,181	-	-	15,181	1	-	-	1	-	15,181	8	
Ginther Coal Co.	-	-	28,357	28,357	1	-	1	1	-	28,357	6	
S.B.K. Coal Co.	4,375	-	-	4,375	1	-	-	1	-	4,375	4	
Hornberger Coal Co.	974	-	-	974	1	-	-	1	-	974	3	
Total Production for Operators with a fatality for Operators	961,118	2,391,223	535,857	3,888,228	8	3	2	13	211	299,094	2,362	
Total Production for Operators without a fatality	1,189,516	2,304,900	2,783,161	6,277,577	-	-	-	-	224	-	4,099	
Division Total	2,150,664	4,696,123	3,319,018	10,165,805	8	3	2	13	435	781,985	6,461	



## CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY -- 1969

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage of total accidents
<u>INSIDE</u>													
Falls of Roof, Face or Sides	-	-	-	-	-	-	-	1	-	-	-	1	7.69%
Methane Gas	-	-	-	-	-	1	-	1	-	-	-	2	15.39%
Rush of Material	-	-	-	-	-	-	-	1	-	-	-	1	7.69%
Fall of Person	-	-	-	-	-	-	-	2	-	-	-	2	15.39%
Transportation	-	-	-	-	-	-	1	1	-	-	-	2	15.39%
Total Inside	-	-	-	-	-	1	1	6	-	-	-	8	61.55%
<u>OUTSIDE</u>													
Transportation	-	-	-	-	-	1	-	1	-	-	-	2	15.39%
Stripping	-	-	-	-	-	2	-	1	-	-	-	3	23.06%
Total Outside	-	-	-	-	-	3	-	2	-	-	-	5	38.45%
GRAND TOTAL	-	-	-	-	-	4	1	8	-	-	-	13	100.00%
Percentage of total Accidents	-	-	-	-	-	30.77%	7.69%	61.54%	-	-	-	-	100.00%

ANTHRACITE FATAL ACCIDENT VICTIMS -- 1969

District	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
6	John Knaus	Wilkes-Barre	Glen-Nan Coal Co., Inc.	No. 3 Slope	Jan. 20	Methane Gas
8	Walter Balsavage	Girardville	Marion Mining Co., Inc.	Connerston Drift	Feb. 3	Fall of Person(Inside)
16	Kenneth P. Klinger	Hegins	Hatter Coal Co.	Middle Split Slope	Feb. 10	Fall of Person(Inside)
10	Henry Heiser	Mount Carmel	H. & S. Coal Co.	Water Level Drift	Mar. 27	Transportation(Inside)
16	Theodore A. Miller	Schuylkill Haven R.D.	Hornberger Coal Co.	Buck Mountain Slope	Apr. 28	Rush of Material
1	Louis Gonzalez	Wilkes-Barre	Lehigh Valley Anthracite, Inc.	Baltimore Strip	May 15	Stripping (Burns)
2	Peter Lohentz	Tamaqua	Greenwood Stripping Corp.	Mammoth Strip No. 33-1	June 9	Stripping (Truck)
16	Marvin L. Shadle	Hegins	Harner Coal Co., Inc.	Skiatone Slope	July 23	Methane Gas
15	Albert Bush	Tower City	Bush Coal Co.	Top Split Slope	July 25	Transportation(Inside)
7	John Smith	Hazleton	Jeddo-Highland Coal Co.	Jeddo No. 7 Breaker	Aug. 19	Transportation(Outside)
14	Mark Shade	Hegins	S. B. K. Coal Co.	Buck Mountain Slope	Aug. 29	Fall of Roof
1	Joseph Sikora	Hunlock Creek	Blue Coal Corporation (Kingston Excavating Co., Cont.)			Stripping(Machinery)
12	William Kapes	Hazleton	Ginther Coal Co.	Manamie Main St. Strip Lucama Fine Coal Pl.	Oct. 21 Oct. 23	Transportation(Outside)

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1969

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb. 6	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 22	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler explosion	5
	Aug. 29	Heins & Glasswire	Heins & Glasswire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston # 3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Philadelpha Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelpha & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	5
	Nov. 2	Mill Creek	D. & H. Coal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelpha & Reading Coal & Iron Co.	Shamokin	Explosion of gas	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Shamokin	Mine fire	10
	Aug. 11	West End	West End Coal Co.	Raven Run	Fall of roof	10
				Mocanqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
	Nov. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Apr. 27	Tunnel	Philadelpha & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
	Oct. 1	East	Philadelpha & Reading Coal & Iron Co.	Explosion of gas	5	5
1889	May 9	Kaska, William	L. C. & N. Co.	Big Mine Run	Car fell on cage in shaft	10
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Middleport	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Wilkes-Barre	Explosion of gas	5
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Nanticoke	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Ashley	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelpha & Reading Coal & Iron Co.	Jeanyville	Suffocated by gas	7
	Nov. 8	Susquehanna No. 1	Philadelpha & Reading Coal & Iron Co.	Glen Carbon	Explosion of gas	12
1892	Apr. 20	Lytie	Susquehanna Coal Co.	Nanticoke	Drowned-water from old workings	10
	July 23	Fork Farm	Lehigh Valley Coal Co.	Minersville	Explosion of gas	15
				Pottsville		

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1969

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1893	Apr. 1	Neillon	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
	July 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
1895	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	Oct. 29	Twin	Newton Coal Co.	Pittston	Fall of roof	5
	June 26	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	56
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	5
1898	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	6
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	5
1900	Nov. 9	Buck Mountain	Mill Creek Coal Co.	Mahanoy City	Explosion of gas	9
1901	Oct. 25	Buttomwood	Parrish Coal Co.	Plymouth	Explosion of gas	7
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Lytle	Lytle Coal Co.	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
1906	Apr. 26	Corrygham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
1907	Aug. 6	Holden	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1908	Mar. 2	Johnson No. 1	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
	June 18	Mount Lookout	Scranton Coal Co.	Priceburg	Explosion of gas	7
	May 12	Prospect	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Williamstown	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Warrior Run	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
	Aug. 28		Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1969

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1909	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Thrupp	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from under ground fire	
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drift No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Farrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1969

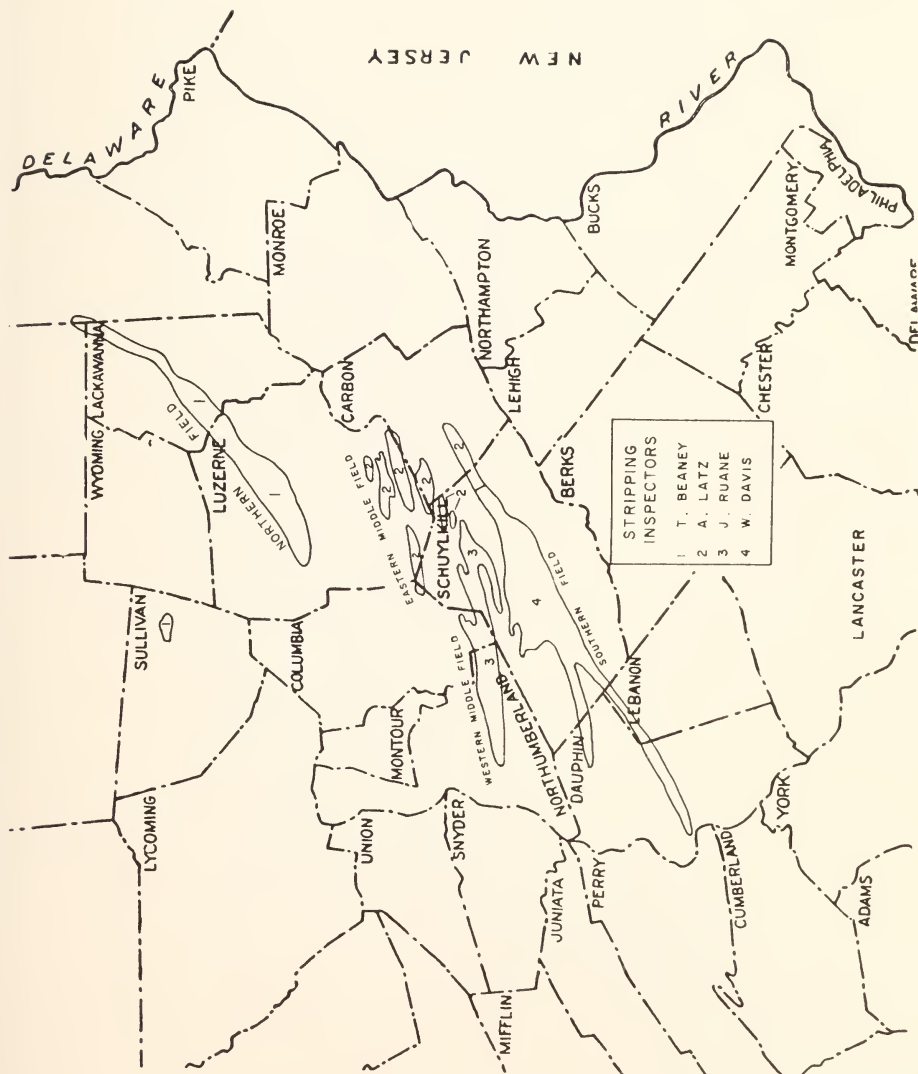
Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittstown Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
1951	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
	Mar. 29	Bottomwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

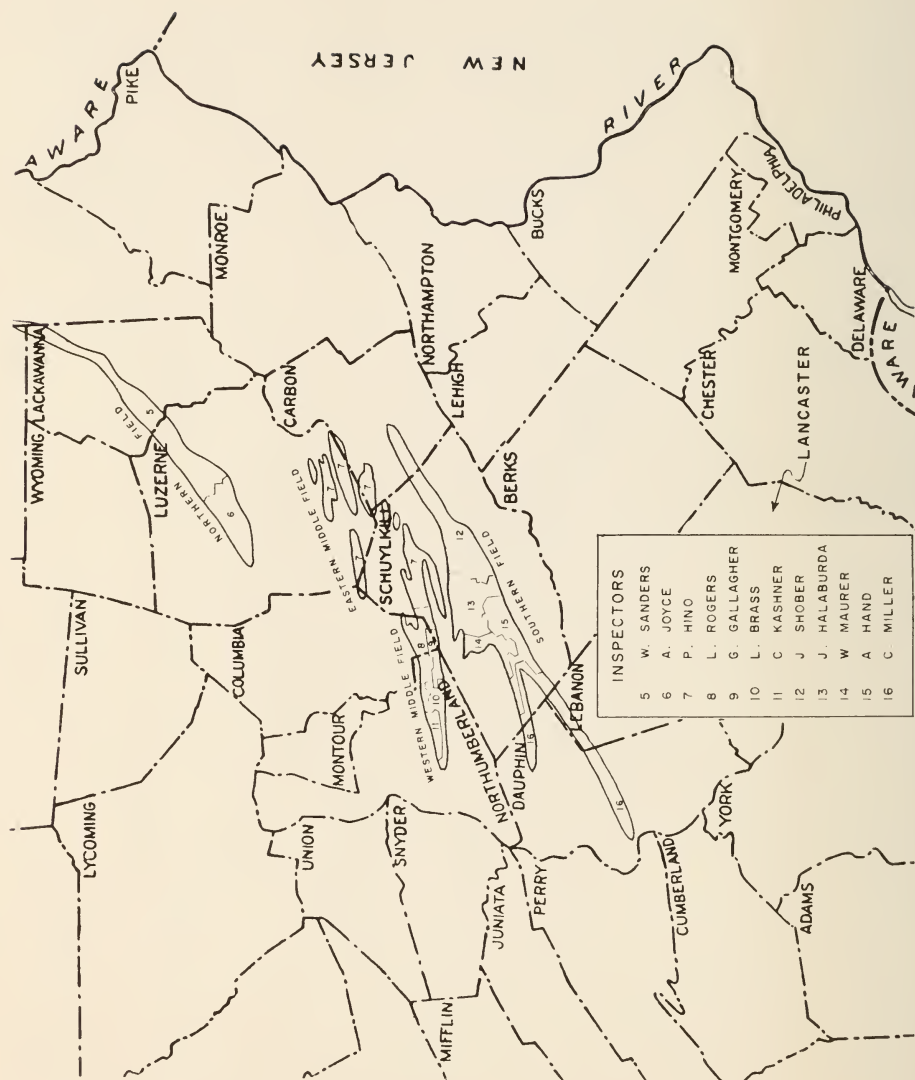
ANTHRACITE DIVISION  
COUNTY--DISTRICT CROSS REFERENCE LIST

1969

<u>County</u>	<u>Mine Inspection District</u>
Carbon	2, 7, 12
Columbia	2, 3, 8, 9
Dauphin	16
Lackawanna	1, 5
Lebanon	
Luzerne	1, 2, 5, 6, 7
Northumberland	3, 8, 9, 10, 11
Schuylkill	2, 3, 4, 7, 8, 9, 12, 13, 14, 15, 16
Sullivan	1, 5
Susquehanna	5
Wayne	







# **PRODUCTION TABLE**



Operators and Collieries	County	District 1										Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons													
		Shipped to market : By : railroad :	By : truck :	Local : trade :	Sold : to : colliery :	Used at : and heat :	Total : production :	permis- sible ex- plives used :	Pounds : dynamite used :						
Barca Coal & Land Co.	Permit 151-1	Sullivan	-	3,906	-	-	3,906 a	-	-	103	4	-	-		
Booth Strip	Permit 35-3	Sullivan	-	-	17,753	-	17,753	79,888	1,300	223	*	-	-		
Bliss Coal Co.	Permit 35-4	Sullivan	-	-	6,073	-	6,073	26,112	710	67	7	-	-		
Bliss Strip	Permit 35-4	Sullivan	-	-	-	-	-	-	-	290	2	-	-		
Bernice Strip	Permit 35-4	Sullivan	-	-	-	-	-	-	-	-	-	-	-		
Bliss Crushing Plant	Permit 35-4	Sullivan	-	-	-	-	-	-	-	-	-	-	-		
Total			-	-	23,826	-	23,826 b	106,000	2,010	9	-	-	-		
Blue Coal Corporation															
Huber	Permit 30-49	Luzerne	157	70	113	1	371	-	1,558	33	4	-	-		
Loomis	Permit 30-66	Luzerne	3,418	1,537	3,129	12	8,096	14,572	6,200	59	10	1	1		
Loree	Permit 30-51	Luzerne	6,969	3,132	6,380	21	16,502	236,990	1,179	291	16	-	2		
Middle Road	Permit 30-52	Luzerne	12,903	5,811	12,534	40	31,318	122,110	1,500	215	*	-	-		
Middle Road No. 2	Permit 30-68	Luzerne	3,520	1,540	2,499	10	7,569	29,519	760	43	12	-	-		
No. 211 Slope	Permit 30-38	Luzerne	4,876	2,192	4,464	14	11,546	45,000	-	263	6	-	-		
No. 20 Tunnel Fire Out	Permit 30-67	Luzerne	404	182	370	1	957	80	-	54	3	-	-		
Stearns	Permit 30-48	Luzerne	2,379	1,069	2,178	10	5,636	80,940	403	50	15	-	-		
Sugar Notch	Permit 30-55	Luzerne	24,253	10,901	22,201	73	57,428	824,710	4,103	301	22	-	-		
Sugar Notch	Permit 30-50	Luzerne	17,382	7,814	15,913	47	41,156	591,054	2,911	229	6	-	-		
Sugar Notch	Permit 30-72	Luzerne	2,000	899	1,831	6	4,736	5,200	-	202	*	-	-		
Truesdale	Permit 30-57	Luzerne	250	112	228	1	591	800	-	18	5	-	-		
Truesdale	Permit 30-58	Luzerne	4,500	2,023	4,120	16	10,659	19,186	8,100	54	*	-	-		
Truesdale	Permit 30-61	Luzerne	2,817	1,266	2,578	10	6,671	12,007	5,200	36	*	-	-		
Truesdale	Permit 30-61	Luzerne	4,773	2,115	4,369	10	11,297	18,280	7,750	91	*	-	-		
Truesdale	Permit 30-61	Luzerne	9,824	4,416	8,993	26	23,259	334,029	1,662	127	8	-	-		
Wananie	Permit 30-59	Luzerne	10,962	4,928	10,036	37	25,963	372,862	1,855	98	*	-	-		
Wananie	Permit 30-63	Luzerne	2,141	962	1,959	38	5,068	72,783	362	21	*	-	-		
Wananie	Permit 30-23	Luzerne	14,813	6,659	13,561	31	35,071	105,213	-	252	12	1	1		
Wananie	Permit 30-21	Luzerne	9,898	4,449	9,061	32	23,440	70,300	-	125	*	-	-		
Wananie	Permit 30-60	Luzerne	5,908	2,656	5,408	19	13,991	200,929	1,000	130	*	-	-		
Wananie	Permit 30-6	Luzerne	2,862	1,287	2,621	7	6,777	20,300	-	112	12	-	-		
Wananie	Permit 30-56	Luzerne	1,273	572	1,165	4	3,014	43,285	215	23	*	-	-		
Wananie	Permit 30-47	Luzerne	66,079	29,703	60,492	195	156,469	2,417,098	11,180	299	55	-	5		
Total			214,361	96,355	196,233	636	507,585 c	5,476,677	56,018	186	1	11	11		
C. & S. Excavating Co.															
Birdseye	Permit 78-8	Lackawanna	960	1,514	2,798	-	5,272 d	24,200	1,680	113	8	-	-		
Carbondale Coal Co.															
Mine Fire Strip	Permit 64-1	Lackawanna	13,472	21,219	39,306	-	74,027	87,500	7,750	298	80	-	-		
No. 2 Cleaning Plant	Permit 64-1	Lackawanna	13,472	21,219	39,306	-	74,027 e	87,500	7,750	298	87	-	-		
Total															





District 1										
Operators and Collieries	County	Production - net tons				Pounds				Non-fatal acci-dents
		Shipped to market		Used at		Total production	Pounds dynamite used	Days worked	Fatal acci-dents	
		By railroad	By truck	Sold to local trade	Used at colliery for steam and heat					
NOTE:										
(g)	Coal recovered at Throop mine fire excavation - District 5					(n)	2,391 tons prepared at Olyphant Breaker - District 5			
	1,200 tons prepared at Kassa Breaker - District 5						4,005 tons prepared at Huber Breaker - District 5			
	575 tons prepared at Ace Breaker - District 5						3,138 tons prepared at Taylor Breaker - District 5			
(h)	Coal recovered while excavating for South Cross Valley Highway - all coal prepared at Huber Breaker - District 5					(o)	16,039 tons prepared at Raymond Breaker - District 5			
(i)	All coal prepared at Kassa Breaker - District 5						1,340 tons prepared at Ace Breaker - District 5			
(j)	All coal prepared at Harry E. Breaker - District 5					(p)	1,685 tons prepared at Penbrook Breaker - District 5			
(k)	19,066 tons prepared at Huber Breaker - District 5						240 tons prepared at Ace Breaker - District 5			
	22,902 tons prepared at Taylor Breaker - District 5						500 tons prepared at Penbrook Breaker - District 5			
	47,739 tons prepared at Raymond Breaker - District 5					(q)	4,350 tons prepared at Ace Anthracite Breaker - District 5			
(l)	453 tons prepared at Huber Breaker - District 5						All coal prepared at Ace Breaker - District 5			
	173 tons prepared at Taylor Breaker - District 5					(r)	9,709 tons prepared at Huber Breaker - District 5			
	1,753 tons prepared at Raymond Breaker - District 5						3,672 tons prepared at Taylor Breaker - District 5			
(m)	1,753 tons prepared at Raymond Breaker - District 5					(s)	1,747 tons prepared at Raymond Breaker - District 5			
	1,621 tons prepared at Olyphant Breaker - District 5						Coal recovered while excavating for Spruce Street Highway Cut - all coal prepared at Harry E. Breaker - Dist. 5.			
	961 tons prepared at Huber Breaker - District 5					(t)	All coal prepared at S. B. P. Crushing Plant.			
	50 tons prepared at Taylor Breaker - District 5									
	6,670 tons prepared at Raymond Breaker - District 5									

District 2												
Brook Contracting Corp.												
Oneida	Permit 86-1	Schuylkill	4,832	7,435	6,039	-	18,306 a	-	91,725	287	31	-
Oneida No. 2	Permit 86-2	Schuylkill	2,016	1,438	1,832	3	5,289 b	-	20,000	59	15	-
Stockton Basin	Permit 86-3	Luzerne	1,988	2,564	3,341	3	7,896 c	-	2,800	258	10	-
Oneida No. 3	Permit 86-4	Schuylkill	3,217	4,774	3,930	-	11,921 d	-	7,250	187	19	-
Humboldt	Permit 86-5	Luzerne	1,470	1,196	1,482	4	4,152 e	-	68,225	68	17	-
Total			13,523	17,407	16,624	10	47,564	-	190,000	92	-	-
Gowen Coal Co.												
Gowen Mammoth	Permit 38-1	Schuylkill	28,004	-	13,180	-	41,184	-	96,000	284	19	-
Gowen Buck Mountain	Permit 38-6	Columbia	2,484	-	1,170	-	3,654	-	1,200	146	9	-
Derringer Buck Mt.	Permit 38-7	Luzerne	4,449	-	2,095	-	6,544	-	-	292	7	-
Total			34,937	-	16,445	-	51,382 f	-	97,200	35	-	-
Greenwood Stripping Corporation												
Greenwood Mammoth	Permit 33-1	Schuylkill	159,158	85,181	26,585	353	271,277	-	1,150,797	230	116	1
Primrose Pencil	Permit 33-2	Carbon	-	-	-	-	-	*	-	114	1	-
55-N Mammoth S. B.	Permit 33-3	Carbon	16,653	8,893	2,775	-	28,321	-	114,100	200	18	-
Orchard C. B.	Permit 33-4	Carbon	37,459	20,164	6,293	-	64,216	-	605,250	271	34	-
No. 10 W. L. Mammoth	Permit 33-7	Schuylkill	339	181	57	-	577	**	-	69	8	-
Loomis Mammoth	Permit 33-9	Schuylkill	18,971	10,131	3,162	-	32,264	-	15,892	279	18	-
Wildip Orchard	Permit 33-10	Carbon	17,144	9,155	2,857	-	29,156	-	42,108	279	13	-
Wildip Orchard	Permit 33-12	Carbon	4,041	2,158	674	-	6,873	-	12,700	216	11	-

## District 2

	County	Production - net tons			Used at to colliery for steam and heat	Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market: By railroad	By truck	Sold locally		Total production:	Permissible explosives used				
Greenwood Stripping Corporation (Continued)											
26-L-1 & 27-L Primrose	Carbon	-	-	-	-	-	*	91	1	-	-
5-N-3 Mammoth	Carbon	-	-	-	-	-	**	34	2	-	-
Permit 33-21	Carbon	27,301	14,579	4,550	-	46,430	-	279	23	-	-
Permit 33-23	Carbon	5,569	2,974	929	-	9,472	-	113	10	-	-
48-N-2 Primrose	Carbon	-	-	-	-	-	**	10	2	-	-
Mammoth C. B. Spoon	Carbon	-	-	-	-	-	-	10	2	-	-
Permit 33-25	Carbon	43,693	23,332	7,282	-	74,307	-	287	35	-	-
Permit 33-26	Carbon	-	-	-	-	-	-	17	4	-	-
26-L-1 & 27-L Primrose	Carbon	-	-	-	-	-	-	13	9	-	-
Permit 33-28	Carbon	-	-	-	-	-	-	13	9	-	-
44-N-2 Mammoth S. B.	Carbon	-	-	-	-	-	-	13	9	-	-
Permit 33-29	Carbon	330,628	176,748	55,164	353	562,893 g	-	2,411,937	305	1	22
Total											
Honeybrook Mines, Inc.											
Trescow	Carbon	-	48	391	-	439 h	-	57	2	-	-
Huss, George											
E-30 Buck Mountain	Luzerne	39,387	10,592	16,409	98	66,486	-	245	20	-	-
Permit 57-5	Luzerne	2,046	551	853	3	3,453	-	97	2	-	-
Buck Mountain	Luzerne	8,568	2,304	3,570	21	14,463	-	120	9	-	-
Permit 57-13	Luzerne	38,529	10,361	16,051	97	65,038	-	24	24	-	-
Buck Mountain	Luzerne	88,550	23,888	36,883	219	149,440 i	-	245	55	-	-
Total											
Jeddo-Highland Coal Co.											
J-41	Luzerne	231,432	186,330	42,973	3,315	464,050 j	-	343	91	-	8
Permit 22-8	Luzerne	145,974	84,379	25,555	1,665	257,573 k	-	350	63	-	2
Permit 22-8	Luzerne	377,406	270,709	68,528	4,980	721,623	-	134	134	-	10
Total											
Kassa Coal Co.											
Beaver Meadow No. 2	Carbon	-	-	3,387	12	3,399 l	-	173	3	-	-
Lehigh Valley Anthracite, Inc.											
Stockton Basin	Luzerne	23,108	20,859	4,396	360	48,723 m	-	318	13	-	1
Latimer	Luzerne	4,278	2,468	749	49	7,544 n	-	175	8	-	-
Permit 16-8	Luzerne	27,386	23,327	5,115	409	56,267	-	21	21	-	1
Total											
Meadow Coal & Excavating Co., Inc.											
Onsida	Schuylkill	-	66	534	-	600 h	-	22	6	-	-
Permit 89-5											
District Total		872,410	512,113	203,101	5,983	1,593,607	-	211	673	1	33

NOTE: (a) 18,134 tons prepared at Blaschak Breaker - District 7  
 172 tons prepared at Owen Breaker - District 7  
 (b) 3,508 tons prepared at Blaschak Breaker - District 7  
 1,623 tons prepared at Owen Breaker - District 7  
 158 tons prepared at Kassa Breaker - District 5  
 (c) 6,253 tons prepared at Blaschak Breaker - District 7  
 532 tons prepared at Owen Breaker - District 7  
 1,111 tons prepared at Kassa Breaker - District 5

(d) 11,642 tons prepared at Blaschak Breaker - District 7  
 279 tons prepared at Owen Breaker - District 7  
 (e) 2,917 tons prepared at Blaschak Breaker - District 7  
 1,045 tons prepared at Owen Breaker - District 7  
 190 tons prepared at Kassa Breaker - District 5  
 (f) All coal prepared at Owen Breaker - District 7  
 (g) All coal prepared at Greenwood Breaker - District 12  
 (h) All coal prepared at Mazaika Breaker - District 7.

Operators and Collieries	County	District 2					Days worked	Empl- oys	Fatal acci- dents
		Production - net tons							
		Shipped to market : By : By : By :	Sold to colliery : local : trade : heat :	Used at : for steam : and :	Total : production : used :	Pounds : dynamite : plives : used :			
NOTE: (i)	All coal prepared at Buckley Breaker - District 7.								
(j)	122,215 tons prepared at Jeddo No. 7 Breaker - District 7								
(k)	341,835 tons prepared at Hazleton Shaft Breaker - District 7								
	256,504 tons prepared at Jeddo No. 7 Breaker - District 7								
	1,069 tons prepared at Hazleton Shaft Breaker - District 7								

(l) All coal prepared at Kassa Breaker - District 5.

(m) All coal prepared at Hazleton Shaft Breaker - District 7.

(n) All coal prepared at Jeddo No. 7 Breaker - District 7.

\* Backfilling

\*\* Discontinued operations in 1969

District 3												
Buck Coal Co.	Permit 149-1	Columbia	5,104	-	-	5,104 a	8,200	550	280	3	-	-
Aristes	Capparell Stripping & Construction Co., Inc.											
Locust Mountain	Permit 19-2		12,258	-	-	12,258	90,000	-	181	19	-	1
East Bear Ridge	Permit 19-3	Schuykill	18,702	-	-	18,702	39,000	-	216	12	-	1
Total		Schuykill	30,960	-	-	30,960 b	129,000	-		31	-	2
Conyngham Contracting Co.												
Alaska No. 2	Permit 91-9	North'd	14,535	-	-	14,535	73,000	-	196	17	-	2
Locust Gap No. 1	Permit 91-10	North'd	6,739	-	-	6,739	-	-	213	13	-	-
Locust Gap No. 2	Permit 91-11	North'd	1,579	-	-	1,579	2,050	-	42	10	-	-
Total			22,853	-	-	22,853 c	75,050	-		40	-	2
D. & Z. Coal Co.												
Sterling	Permit 1140-2	North'd	3,644	-	-	3,644 d	-	-	110	2	-	-
Folger & Chapleski												
Excelsior	Permit 119-2	North'd	6,463	-	-	6,463	15,500	-	219	2	-	-
Enterprise	Permit 119-3	North'd	782	-	-	782	-	-	50	2	-	-
Henry Clay	Permit 119-4	North'd	50	-	-	50	-	-	10	2	-	-
Total			7,295	-	-	7,295 e	15,500	-		6	-	-
Glenn Brass Coal Co.												
West Cameron	Permit 106-5	North'd	3,256	-	-	3,256 f	-	-	215	2	-	-
Glosek Brothers Coal Sales, Inc.												
Burnside	Permit 145-10	North'd	820	-	-	820	4,500	-	54	5	-	-
Katherine	Permit 145-11	North'd	3,312	-	-	3,312	-	-	52		-	-
Katherine No. 2	Permit 145-12	North'd	980	-	-	980	-	-	13		-	-
Total			5,112	-	-	5,112 g	4,500	-		5	-	-
Howells, Thomas & Olaf, Stanley												
Marion Heights No. 2	Permit 14-9	North'd	809	-	-	809	150	-	52	2	-	-
Marion Heights No. 3	Permit 14-10	North'd	2,985	-	-	2,985	-	-	200		-	-
Total			3,794	-	-	3,794 d	150	-		2	-	-
Jet Coal Co.												
Richards	Permit 3-6	North'd	1,300	-	-	1,300	150	-	80	4	-	-
Richards	Permit 3-7	North'd	500	-	-	500	-	-	60		-	-
Richards	Permit 3-8	North'd	1,750	-	-	1,750	-	-	100		-	-
Total			3,550	-	-	3,550 h	150	-		4	-	-

## District 3

Operators and Collieries	County	Production - net tons				Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market :	By :	Sold :	Used at :					
		By :	By :	to :	to :					
		railroad	truck	local	colliery	Total :				
			trade	trade	and steam	production :				
					heat	used :				
<b>Operators and Collieries</b>										
<b>K. &amp; J. Coal Co.</b>										
Midvalley No. 3	Permit 111-1	-	2,451	-	-	2,451	1	2,000	-	-
Kerris & Helfrick, Inc.	Permit 7-1	-	62,353	-	-	62,353	300,000	-	-	-
Morris Ridge	Permit 7-11	-	13,020	-	-	13,020	40,000	-	-	6
Edgewood	Permit 7-16	-	5,376	-	-	5,376	60,000	-	-	2
Stewartville	Permit 7-18	-	7,266	-	-	7,266	100,000	-	-	33
Maysville	Permit 7-19	-	33,317	-	-	33,317	50,000	-	-	178
Trevorton	Permit 7-20	-	12,553	-	-	12,553	100,000	-	-	43
Sayre N. D.	Permit 7-21	-	64,106	-	-	64,106	150,000	-	-	242
Sayre S. D.	Permit 7-22	-	7,396	-	-	7,396	50,000	-	-	62
Excelsior	Permit 7-23	-	209,452	-	-	209,452	1,890,000	-	-	21
Excelsior No. 2	Total	-	209,452	-	-	209,452	1,890,000	-	-	105
<b>Lehigh Valley Anthracite, Inc.</b>										
Continental	Permit 16-9	-	-	-	-	-	Shop	-	-	298
GermanTown	Permit 16-12	85,948	37,600	15,661	504	139,713	859,992	-	-	298
Primrose	Permit 16-14	110,633	17,865	25,826	825	184,919	2,000,000	-	-	293
Mammoth-Hammond	Permit 16-17	34,730	15,194	6,328	204	56,456	1,000,000	-	-	298
Springdale	Permit 16-18	261,311	114,318	47,615	1,533	424,777	1,859,992	-	-	293
Total		-	-	-	-	-	-	-	-	180
<b>Minel, Inc.</b>										
Trevorton	Permit 53-2	-	10,544	-	-	10,544	k	37,252	-	6
North Line Coal Co.	Permit 52-1	-	10,639	-	-	10,639	1	115,000	-	285
Burnside	Permit 107-7	-	11,302	-	-	11,302	-	-	-	203
Hickory Swamp	Permit 107-8	-	4,875	-	-	4,875	-	-	-	116
Hickory Swamp	Permit 107-10	-	808	-	-	808	-	-	-	54
Total		-	16,985	-	-	16,985	m	-	-	13
<b>Reading Anthracite Co.</b>										
Knickerbocker M-112	Permit 23-8	55,371	11,686	29,751	-	96,808	822,733	-	-	269
Knickerbocker M-112A	Permit 23-9	25,395	5,359	13,645	-	44,399	634,098	-	-	251
Trevorton S-5	Permit 23-12	69,382	39	23,217	-	92,638	249,100	-	-	200
Trevorton S-5A	Permit 23-13	2,473	-	930	-	3,703	-	-	-	74
Total		152,921	17,084	67,543	-	237,548	n1,703,931	-	-	70
<b>Rosini Coal Co.</b>										
Bear Valley	Permit 47-26	-	15,662	-	-	15,662	10,000	-	-	37
Sterling No. 2	Permit 47-27	-	11,317	-	-	11,317	10,000	-	-	37
Sterling No. 3	Permit 47-28	-	2,450	-	-	2,450	1,000	-	-	25
Bear Valley	Permit 47-29	-	11,915	-	-	11,915	10,000	-	-	54



Operators and Collieries	County	District 3					Pounds dynamite used	Days worked	Empl- oves	Fatal acci- denis	Non-fatal acci- denis
		Production - net tons									
		Shipped to market :	Sold :	Used at :	Permis- sible ex- penses :	Total :					
		By :	By :	to colliery :	to colliery :	production :					
		By railroad	By truck	By trade	By steam and heat						
Rosini Coal Co. (Continued)											
Sterling No. 4	North'd	-	681	-	-	681	-	10	-	-	-
Bear Valley	North'd	-	1,580	-	-	1,580	10,000	-	6	-	-
Trevorton No. 8	North'd	-	15,654	-	-	15,654	41,500	85	-	-	-
Total		-	59,259	-	-	59,259	82,500	-	15	-	-
S. & D. Coal Co.											
Hickory Swamp	North'd	-	1,200	-	-	1,200	-	80	3	-	-
Hickory Swamp	North'd	-	1,250	-	-	1,250	-	80	-	-	-
Hickory Swamp	North'd	-	694	-	-	694	-	120	-	-	-
Total		-	3,144	-	-	3,144	-	-	3	-	-
S. & S. Contracting Co.											
Midvalley No. 2	North'd	-	310	-	-	310	-	12	3	-	-
Midvalley No. 3	North'd	-	775	-	-	775	-	40	-	-	-
Richards	North'd	-	5,272	-	-	5,272	-	188	-	-	-
Total		-	6,357	-	-	6,357	-	-	3	-	-
Savitski Brothers Coal Sales											
Roaring Creek	North'd	-	154	-	-	154	-	11	3	-	-
Roaring Creek No. 2	North'd	-	2,363	-	-	2,363	-	102	-	-	-
Reliance No. 1	North'd	-	10	-	-	10	-	5	-	-	-
Total		-	2,527	-	-	2,527	-	-	3	-	-
Split Vein Coal Co., Inc.											
Henry Clay	North'd	-	13,070	-	-	13,070	52,685	251	4	-	-
Hickory	North'd	-	1,364	-	-	1,364	-	44	2	-	-
Total		-	14,434	-	-	14,434	52,685	-	6	-	-
District Total		441,232	552,762	115,158	1,533	1,083,685	7,977,910	550	213	512	-

NOTE: (a) 700 tons prepared at D. & Z. Breaker - District 11  
 704 tons prepared at Split Vein Breaker - District 11  
 3,620 tons prepared at Swift Breaker - District 11  
 (b) All coal prepared at Rosa Breaker - District 7.  
 (c) All coal prepared at Diamond Breaker - District 8  
 (d) All coal prepared at D. & Z. Breaker - District 11.  
 (e) All coal prepared at Lower Region Breaker - District 11.  
 (f) 2,665 tons prepared at Sunshine Breaker - District 10  
 591 tons prepared at Bar-Mac Breaker - District 11  
 (g) 275 tons prepared at D. & Z. Breaker - District 11  
 4,837 tons prepared at Sunshine Breaker - District 10  
 (h) All coal prepared at Savitski Breaker - District 9.  
 (i) All coal prepared at Mammoth Breaker - District 8.

(j) All coal prepared at Glen Burn Breaker - District 10.  
 (k) All coal prepared at Sunshine Breaker - District 10.  
 (l) All coal prepared at Reiddinger Breaker - District 11.  
 (m) 5,310 tons prepared at Diminick Breaker - District 11  
 6,508 tons prepared at Split Vein Breaker - District 11  
 1,053 tons prepared at Savitski Breaker - District 9  
 3,292 tons prepared at Glen Burn Breaker - District 10  
 22 tons prepared at D. & Z. Breaker - District 11  
 (n) 96,341 tons prepared at Trevorton Breaker - District 11  
 111,207 tons prepared at New St. Nicholas Breaker - District 12  
 (o) All coal prepared at Carbon Run Breaker - District 10.





		District 14						
		Production - net tons			Pounds			
		: Shipped to market :	: Sold to colliery :	: Used at local trade :	Total :	Pounds dynamic used :	Days worked :	Non-fatal acci-dents :
		: By railroads :	: By truck :	:	:	:	:	:
<b>Operators and Collieries</b>	<b>County</b>							
(a)	8,640 tons prepared at Schneck Breaker - District 14	(m) 63 tons prepared at Malho Breaker - District 9						
(b)	3,561 tons prepared at South Tamaqua Coal Pockets - District 12							
(c)	1,608 tons prepared at D. & Z. Breaker - District 11							
(d)	802 tons prepared at Silver Creek Breaker - District 12	(n) All coal prepared at Franklin Breaker - District 14 1,152 tons prepared at Valley Breaker - District 15						
(e)	400 tons prepared at K. & K. Breaker - District 13	(o) All coal prepared at Silver Creek Breaker - District 12 All coal prepared at Swift Breaker - District 11.						
(f)	690 tons prepared at Silver Creek Breaker - District 12	(p) 1,582 tons prepared at Direnzo Breaker - District 13 3,163 tons prepared at Silver Creek Breaker - District 12 2,186 tons prepared at Bernitsky Breaker - District 12 395 tons prepared at Schneck Breaker - District 14 170 tons prepared at Bernitsky Breaker - District 12 196 tons prepared at Schneck Breaker - District 14						
(g)	All coal prepared at Maple Spring Breaker - District 13	(q) 60 tons prepared at Legal Breaker - District 15 250 tons prepared at Schneck Breaker - District 14 868 tons prepared at Minersville Breaker - District 13						
(h)	All coal prepared at Randolph Washery - District 12	(r) All coal prepared at New St. Nicholas Breaker - Dist. 12 9,809 tons prepared at Mazaika Breaker - District 7 442 tons prepared at R. & R. Breaker - District 12						
(i)	1,300 tons prepared at Live Oak Breaker - District 13	(t) 50,074 tons prepared at Marlin Breaker - District 12 20,182 tons prepared at New St. Nicholas Breaker - Dist. 12						
(j)	10,950 tons prepared at Legal Breaker - District 15	(u) All coal prepared at Direnzo Breaker - District 13. All coal prepared at Swatara Breaker - District 13						
(k)	900 tons prepared at Glenick Breaker - District 13	(v) 250 tons prepared at South Tamaqua Coal Pockets-Dist. 12 475 tons prepared at Bernitsky Breaker - District 12 6,000 tons prepared at Underkoffler Breaker - District 15						
(l)	7,100 tons prepared at Direnzo Breaker - District 13	(w) 3,240 tons prepared at Swatara Breaker - District 13 6,030 tons prepared at Strohecker Breaker - District 15 9,740 tons prepared at Franklin Breaker - District 14 2,780 tons prepared at Kocher Breaker - District 15						
(m)	500 tons prepared at Donaldson Breaker - District 14	(x) 1,057 tons prepared at Kocher Breaker - District 13 24 tons prepared at Direnzo Breaker - District 13 1,061 tons prepared at Legal Breaker - District 15 71 tons prepared at K. & K. Breaker - District 13 81 tons prepared at Old Mill Breaker - District 13 63 tons prepared at Tremont Breaker - District 14						

Operators and Collieries	County	railroad	truck:	trade	and heat	production:	used	worked	ovens	dents	dents
Ace Anthracite, Inc.											
Ace Bank	Lackawanna	-	62	557	6	625	-	-	249	1	-
Ace Breaker	Lackawanna	-	-	-	-	-	-	-	249	3	-
Total		-	62	557	6	625 a	-	-	-	4	-
Ace Coal Co.											
Ace Breaker	Lackawanna	-	-	-	-	-	-	-	23	7	-
American Silt Processing Co., Inc.											
Waddell Washery	Lackawanna	-	-	-	-	-	-	-	197	5	-
Waddell Bank	Lackawanna	1,900	-	-	-	1,900	-	-	197	2	-
Total		1,900	-	-	-	1,900 c	-	-	-	7	-
Barca Coal & Land Co., Inc.											
Booth Bank	Sullivan	-	782	-	-	782	-	-	76	1	-
Booth Breaker	Sullivan	-	-	-	-	-	-	-	76	4	-
Total		-	782	-	-	782 d	-	-	-	5	-
Baumann, John C.											
D. & H. Railroad Bank	Lackawanna	3,050	38,056	374	4	41,484 e	-	-	80	4	-
Blue Coal Corporation											
Bag Plant	Lackawanna	-	-	-	-	-	-	-	257	13	-
D. & H. Railroad Bank	Lackawanna	393	177	360	1	931 b	-	-	7	3	-
Huber Breaker	Luzerne	-	-	-	-	-	-	-	232	50	-
Huber General	Luzerne	-	-	-	-	-	-	-	232	116	-
Loree General	Luzerne	-	-	-	-	-	-	-	157	7	-
No. 134 Slope	Luzerne	1,797	808	1,645	6	4,256	-	-	181	2	-
Sugar Notch Bank	Luzerne	899	404	823	2	2,128	-	-	181	2	-
Total		3,089	1,369	2,828	9	7,315 f	-	-	193	-	5
C. B. M. Coal Co.											
Lehigh Valley Railroad Bank	Luzerne	202	91	185	1	479	-	-	290	2	-
Empire Bank	Luzerne	34,563	38,811	15,259	713	89,346	-	-	208	9	-
Total		34,765	38,902	15,444	714	89,825 f	-	-	-	11	-
Coalbrook Iron & Metals											
Coalbrook Bank	Lackawanna	4,927	15,168	-	-	20,095 g	-	-	120	4	-
DeAngelis, Inc.											
Boland Breaker	Lackawanna	-	-	-	-	-	-	-	23	8	-
G.M.C. Energy Fuels, Inc.											
Ziffenblatt Cleaning Plant	Luzerne	-	-	-	-	-	-	-	187	5	-
Laflin Heights Coal Co.											
Laflin Bank	Luzerne	-	-	-	-	-	-	-	15	2	-
Lehigh Valley Anthracite, Inc.											
Empire Bank	Luzerne	4,535	5,094	2,002	93	11,724 h	-	-	41	9	-
Franklin Cleaning Plant	Luzerne	-	-	-	-	-	-	-	242	14	-
Harry E. Bank	Luzerne	1,031	1,583	662	29	3,305	-	-	170	2	-



	County	District 5					Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons									
		Shipped to market : By : railroad	By : truck	Sold : local trade	Used at : to colliery and steam	Total : production					
<b>Operators and Collieries</b>											
Lehigh Valley Anthracite, Inc. (Continued)											
Harry E. Breaker Prospect Bank Prospect Cleaning Plant Total	Luzerne Luzerne Luzerne	- 18,430 23,996	- 16,403 23,080	6,041 8,705	- 307 429	41,181 56,210 i	- - 4	170 242 242	36 3 6	- 1 1	- 1 1
Moffat Premium Anthracite, Inc.	Lackawanna	-	-	-	-	-	-	124	54	-	3
Taylor Breaker Mountain Coal Co. No. 2 Pittston Slope Northwest Mining Co., Inc. Marvline Sizing Plant Raymond Breaker Total	Luzerne Luzerne Luzerne Luzerne	2,890 - - -	4,440 - - -	1,859 - - -	80 - - -	9,269 j	7,250	200 - - -	153 296 246	10 10 26	- - 36
O. S. C. Co.	Susquehanna	-	638	-	-	638 b g	-	20	4	-	-
Stillwater Bank Olyphant Premium Anthracite, Inc. Olyphant Bank Olyphant Cleaning Plant Total	Lackawanna Lackawanna Lackawanna	45,806 11,265 45,806	11,265 22,597 11,265	22,597 - 22,597	455 - 455	80,123 - 80,123 j	- - -	265 - 265	5 18 23	- - -	- - -
Opalka Brothers Boland Colliery O'Toole, John F. O'Toole Sizing Plant Penbrook Coal Co. Penbrook Bank Penbrook Breaker Total	Lackawanna Lackawanna Lackawanna Lackawanna Lackawanna Lackawanna	- - 825 825	340 - - -	- - - -	- - - -	340 k - 825 825 l	50 - - -	88 256 116 116	3 1 1 6	- - -	- - -
Perry Coal Sales Co., Inc., Thomas Perry Bank Avoca Bank Avoca Cleaning Plant Total	Lackawanna Luzerne Luzerne	29,705 192 29,897	- 394 394	- 2,311 2,311	- 28 28	29,705 2,925 32,630 m	- - -	253 261 261	2 1 3	- -	- 1
Pompey Coal Co. Pompey Bank Popple Coal Sales Co., Raymond Dumore Bank Racho, George Exeter Bank Scranton Excavating Co. Taylor Bank	Lackawanna Luzerne Luzerne Luzerne Lackawanna	2,415 - - - 3,191	- 73,054 14,557 1,102	- - - 5,567	- - - -	2,415 c 73,054 g 14,557 g 9,860 n	- - - -	171 162 37 278	2 7 7 3	- -	- -



## District 5

County	Production - net tons					Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market:		Used at colliery for steam and heat	Total production:	Pounds dynamite used	Permissible explosives used					
	By railroad	By truck									
Sebastopol Coal Co.	6,468	-	-	-	6,468 o	-	-	188	5	-	-
Silverbrook Anthracite, Inc.	-	-	-	-	-	-	-	305	7	-	-
Kassa Breaker	-	-	2,384	6	2,390 p	-	-	-	-	-	-
Woodward Storage	-	-	2,384	6	2,390	-	-	-	7	-	-
Total	-	-	-	-	-	-	-	-	-	-	-
Tamirini Construction Co.	88	140	259	-	487 q b	-	-	13	4	-	-
O. & W. Bank	58	494	1,085	8	1,645 r	-	-	40	3	-	-
Vullo & Vantage Bank	163,365	223,863	63,970	1,739	452,937	7,590	250	191	502	-	16
District Total											

## NOTE:

- (a) All coal prepared at Ace Breaker.  
 (b) Abandoned during 1969.  
 (c) All coal prepared at Waddell Washery.  
 (d) All coal prepared at Booth Breaker.  
 (e) 420 tons prepared at Ace Breaker  
 3,050 tons prepared at Waddell Washery  
 38,044 Direct Sales  
 (f) All coal prepared at Huber Breaker.  
 (g) Direct Sales  
 (h) Empire Bank changed to C.B.M. Coal Co. in February 1969.  
 (i) 27,564 tons prepared at Harry E. Breaker  
 25,341 tons prepared at Jeddo No. 7 Breaker  
 (j) All coal prepared at Harry E. Breaker.

(k) All coal prepared at Boland Breaker.

(l) All silt to Waddell Washery.

(m) 100 tons prepared at Waddell Washery

2,530 tons prepared at Ace Breaker

295 tons prepared at Harry E. Breaker

29,705 tons prepared at Avoca Cleaning Plant

(n) 9,444 tons prepared at Taylor Breaker

446 tons prepared at Raymond Breaker

(o) All coal prepared at Ziffenblatt Breaker.

(p) Coal from storage at Kassa Breaker for two years.

(q) All coal prepared at Raymond Breaker.

(r) All coal prepared at Penbrook Breaker.

## District 6

Blue Coal Corporation	Luzerne	7,491	3,367	6,858	25	17,711	-	-	72	6	-	-
Wanamie Banks	Luzerne	96,094	43,195	87,969	289	227,547	-	-	245	378	-	47
Wanamie Colliery	Luzerne	2,881	1,295	2,638	10	6,824	-	-	67	5	-	-
Warrior Run Banks	Luzerne	106,466	47,857	97,465	324	252,112 a	209,475	-	-	389	-	47
Total												
Ciarafoni Coal Co., Inc.	Luzerne	6,920	12,372	1,678	10	20,980 b	23,750	-	234	18	-	5
Ciarafoni Slope	Luzerne	174,900	286,216	71,653	151	532,920 c	540,525	28,950	236	369	1	70
Glen-Nan Coal Co., Inc.	Luzerne	943	1,549	867	29	3,388 d	-	-	19	5	-	-
No. 3 Slope												
L. J. B., Inc.												
No. 5 Banks												

District 6									
County	Production - net tons				Pounds permis- sible ex- ploives used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market :		Used at :						
	By railroad	By truck	Sold to colliery	Local for steam and heat					
Luzerne	-	311,638	-	-	311,638 e	-	253	9	-
Luzerne	-	-	16,884	43	16,927 f	-	247	6	-
Luzerne	-	-	-	-	-	-	208	104	4
District Total	289,229	659,632	188,547	557	1,137,965	773,750	233	900	1 126

NOTE: (a) All coal prepared at Huber Breaker - District 5.  
(b) All coal prepared at Glen Lyon Breaker.  
(c) 660,971 tons prepared at Glen Lyon Breaker  
52,772 tons prepared at Huber Breaker - District 5  
1,086 tons prepared at Kassa Breaker - District 5  
1,091 tons prepared at Penbrook Breaker - District 5

[illegible]

Operators and Collieries									
County	By railroad	By truck	Local trade	For steam and heat	Total production	Explosives used	Dynamite used	Days worked	Employees
(Continued)									
Schuylkill	60,568	-	-	-	60,568 d	-	-	180	6
Schuylkill	4,224	6,694	5,375	170	16,463	-	-	130	4
Schuylkill	761	964	960	-	2,685	-	-	56	-
Schuylkill	4,985	7,658	6,335	170	19,118 e	-	-	-	-
Schuylkill	-	-	-	-	-	-	-	105	2
Carbon	241	125	467	-	833 g	-	-	11	5
Schuylkill	25	10	319	-	354 h	425	200	200	2
Schuylkill	91	44	452	-	587 h i	400	200	115	*
Carbon	11,063	2,813	4,875	-	18,751 j	-	-	200	5
Schuylkill	507	823	656	-	1,986 k	-	-	18	*
Luzerne	-	-	-	-	-	-	-	158	14
Luzerne	-	-	-	-	-	-	-	158	4
Schuylkill	16,437	5,804	27,305	-	49,546	-	-	109	3
Luzerne	2,609	921	4,335	-	7,865	-	-	74	4
Schuylkill	1,619	387	1,022	-	3,028	-	-	11	3
Schuylkill	-	-	-	-	-	-	-	225	27
Schuylkill	20,665	7,112	32,662	-	60,439 g	-	-	37	-
Luzerne	-	33,005	-	-	33,005	-	-	237	4
Luzerne	-	-	-	-	-	-	-	237	4
Luzerne	-	33,005	-	-	33,005 l	-	-	-	8
Luzerne	140,046	112	-	311	140,469	-	-	256	9
Luzerne	-	-	-	-	-	-	-	216	27
Luzerne	-	-	-	-	-	-	-	234	62
Luzerne	140,046	112	-	311	140,469 m	-	-	98	1
Carbon	-	-	5,486	14	5,500 n	800	-	240	4

## District 7

	County	Production - net tons			Used at to colliery for steam trade and heat	Total production:	Pounds -		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By : railroad	By : truck	Sold local			permis- sible ex- plodes	dynamite used				
Operators and Collieries												
Lee Mining Co., Inc., J. F.	Luzerne	4,445	7,009	5,642	-	17,096 o	7,000	-	204	12	-	-
Driftton No. 1 Slope	Luzerne	22,399	13	-	-	22,412	-	-	85	6	-	-
Lehigh Valley Anthracite, Inc.	Schuylkill	650	999	1,180	17	2,846	-	-	30	3	-	-
Admiral Bank	Luzerne	66,757	40	-	-	66,797	-	-	128	11	-	-
Buck Mountain Bank	Luzerne	28,877	21,867	5,298	396	56,438	-	-	186	5	-	-
Hazleton No. 1 Silt Bank	Luzerne	10,920	7	-	-	10,927	-	-	8	4	-	-
Hazleton Shaft Bank	Luzerne	-	-	-	-	-	-	-	115	87	-	6
Hazleton Shaft Breaker	Luzerne	-	-	-	-	-	-	-	208	27	-	3
Hazleton Shaft Cleaning Plant	Luzerne	19,643	12	-	-	19,655	-	-	34	4	-	-
Hazleton Shaft Silt Bank	Luzerne	-	-	-	-	-	-	-	163	18	-	-
Idon Breaker	Luzerne	550	496	105	9	1,160	-	-	12	*	-	-
Jeanesville Fine Bank	Schuylkill	23,532	36,132	42,693	605	102,962	-	-	231	10	-	-
Morea Bank	Schuylkill	-	-	-	-	-	-	-	231	24	-	8
Morea Breaker	Schuylkill	173,328	59,566	49,276	1,027	283,197 p	-	-	199	-	-	17
Total												
Maksimik Coal Co.	Schuylkill	590	496	695	-	1,781 c	-	-	50	7	-	-
Kehley Run Bank	Schuylkill	-	-	-	-	-	-	-	310	3	-	-
Mazaika Brothers Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Mazaika Breaker	Carbon	-	-	-	-	-	-	-	31	2	-	-
McAdoo Mining Co.	Wharton Slope	-	-	-	-	-	-	-	-	-	-	-
Olman & Company	Buck Mountain Slope	-	-	768	-	768 r	450	-	211	3	-	-
Phoenix Contracting Co.	Schuylkill	1,402	1,051	1,051	-	3,504 s	-	-	14	3	-	-
St. Nicholas Railroad Bank	Schuylkill	69	26	954	-	1,049 h	500	-	120	3	-	-
Pleasant Hill Coal Co.	Schuylkill	-	-	-	-	-	-	-	62	8	-	-
Racho, George	Luzerne	-	12,055	-	-	12,055 t	-	-	233	14	-	-
Reading Anthracite Co.	Schuylkill	85,376	80	1,809	-	87,265	-	-	110	11	-	-
Ellangorn Bank	Schuylkill	81,303	-	-	-	81,303	-	-	233	9	-	-
Maple Hill Cleaning Plant	Schuylkill	-	-	-	-	-	-	-	233	32	-	4
St. Nicholas Slush Bank	Schuylkill	-	-	-	-	-	-	-	66	-	-	-
St. Nicholas Fine Coal Plant	Schuylkill	166,679	80	1,809	-	168,568 u	-	-	-	-	-	-
Total												
Starwood Coal Corporation	Schuylkill	77	94	1,235	-	1,406	900	-	173	7	-	2
No. 1 Slope	Schuylkill	-	-	-	-	-	-	-	301	10	-	-
Starwood Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		77	94	1,235	-	1,406 v	900	-	17	-	-	-

District 7

Operators and Collieries	County	Production - net tons				Pounds : permis- sible ex- plosives used	Days worked	Empl- oVES	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market :		Used at :						
		By : railroad	By : truck	to : colliery	for steam and heat					
Valley Coal Co.	Schuylkill	-	-	-	-	-	62	2	-	-
Valley Breaker	Schuylkill	-	-	-	-	-	83	3	-	-
Wesner Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-
Wesner Breaker	Schuylkill	-	-	-	-	-	-	-	-	-
White Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-
Gilberton Bank	Schuylkill	934	1,488	1,208	-	3,630 0	59	1	-	-
District Total		824,074	179,653	128,894	1,855	1,134,476	400	181	702	1 38

NOTE: (a) All coal prepared at B-D Fine Coal Plant.  
 \* Men were transferred to Mahanoy City Bank of Gilberton Coal Co.  
 (b) Slope used for pumping only.  
 (c) All coal prepared at Rosa Breaker.  
 (d) All coal prepared at Candleton Washery.  
 (e) 18,094 tons prepared at Blaschak Breaker  
 1,054 tons prepared at Rosa Breaker  
 (f) New operation - no coal produced during 1969.  
 (g) All coal prepared at Honeybrook Breaker.  
 (h) All coal prepared at Starwood Breaker.  
 (i) Men were transferred to Hard Top Coal Company, District 8.  
 (j) All coal prepared at Eckley Breaker.  
 (k) 1,570 tons prepared at Blaschak Breaker  
 416 tons prepared at Black Heath Breaker - District 12  
 \* Men were transferred to Pleasant Hill Bank  
 (l) All coal prepared at Beaver Brook Washery.  
 (m) All coal prepared at Highland No. 5 Breaker.  
 (n) All coal prepared at Kassa Breaker - District 5.  
 (o) All coal prepared at Blaschak Breaker.

(p) 119,791 tons prepared at Lion Breaker  
 105,808 tons prepared at Morea Breaker  
 34,861 tons prepared at Hazleton Shaft Breaker  
 22,737 tons prepared at Jeddo No. 7 Breaker  
 (q) Timbering slope only - no coal produced during 1969.  
 (r) All coal prepared at Mountain Side Breaker - District 12.  
 (s) All coal prepared at Black Heath Breaker - District 12.  
 (t) All coal shipped unprepared to Pennsylvania Power & Light Co.  
 (u) 166,471 tons prepared at St. Nicholas Fine Coal Plant  
 2,097 tons prepared at Starwood Breaker  
 (v) 858 tons prepared at Starwood Breaker  
 548 tons prepared at Mazaika Breaker  
 This mine was formerly operated by Alessi Coal Co. who produced 290 tons, used 150 lbs. explosives, worked 61 days with 4 men; changed to Bubel Coal Co. on July 1, 1969 who produced 624 tons, used 450 lbs. of explosives, worked 50 days with 5 men; changed to Angelo Peca Coal Co. on October 1, 1969, who produced 492 tons, used 300 lbs. of explosives, worked 62 days with 7 men; changed name of company to Starwood Coal Corp. on December 1, 1969.

District 8

A. D. G. Coal Co. Buck Mountain Slope Botella Coal Co., James Packer No. 3 Bank Burnrite Coal Co. No. 2 Lyons Vein Slope Capparell Stripping & Construction Co. Packer No. 5 Bank	Columbia  Schuylkill  Columbia  Schuylkill	501  12,784  -  133	-  20,159  10,500  116	3,349  16,226  -	1,350  -	281  190  275  8	4  3  5  5	-  -  -  -
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District 8												
County	Production - net tons						Pounds		Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used					
	By railroad	By truck	To colliery	Sold local								
								trade				
D. R. Z. Coal Co.	North'd	-	325	139	-	464 e	400	-	67	2	-	-
No. 5 Vein Slope												
Dyszel Brothers Coal Co.	Schuylkill	333	394	773	15	1,515 f *	300	-	203	3	-	-
Buck Mountain Slope												
Gangloff Brothers	North'd	-	246,000	-	-	246,000 g	-	-	258	3	-	-
Richards Bank												
Hanks Coal Co.	North'd	240	-	841	11	1,092 h	600	-	72	2	-	-
No. 2 Lykens Vein Slope												
Hard Top Coal Co.	Schuylkill	115	1,328	1,662	-	3,105 i	1,200	-	115	3	-	-
Buck Mountain Slope												
K. & C. Coal Co.	Schuylkill	27	31	62	1	121 f	50	-	75	3	-	-
Buck Mountain Slope												
K. & M. Excavating Co.	North'd	337	-	1,402	36	1,775 j *	-	-	37	4	-	-
Luke Fidler Bank												
Kaleta Brothers Coal Co.	North'd	-	1,680	720	-	2,400 e	800	100	180	2	-	-
No. 8 & 9 Vein Slope												
Lehigh Valley Anthracite, Inc.	Schuylkill	-	-	-	-	-	-	-	200	77	-	27
Mammoth Breaker												
M. & J. Coal Co.	Columbia	42	765	53	-	860 k *	-	-	61	2	-	-
Centralia Bank												
M. & S. Coal Co.	Columbia	-	2,433	1,043	-	3,476 e	1,200	-	216	4	-	-
Holmes Slope												
Marion Mining Co., Inc.	Schuylkill	8,675	13,680	11,010	-	33,365	2,400	10,800	217	22	1	-
Conerton Drift												
Cleaning Plant	Schuylkill	-	-	-	-	-	-	-	217	1	-	-
Total		8,675	13,680	11,010	-	33,365 b	2,400	10,800	23	1	-	-
Mickey Coal Co.	Schuylkill	423	211	2,386	-	3,020 l	1,400	-	222	5	-	-
Diamond Vein Slope												
Morack Coal Co.	Columbia	-	-	-	-	- #	-	-	60	1	-	-
Buck Mountain Slope												
Polcorich Coal Co.	Columbia	4,240	1,664	3,612	24	9,510 m	1,200	1,800	232	8	-	-
Seven Foot Vein Slope												
Ponomiak Brothers Coal Co.	North'd	162	-	1,082	-	1,244 a	635	-	173	3	-	-
No. 6 & 7 Vein Slope												
Ron Lee Coal Co.	North'd	809	-	5,417	-	6,226 a *	-	-	117	2	-	-
Acme Bank												
S. & D. Coal Co.	North'd	-	-	-	-	- #	-	-	101	3	-	-
No. 2 Rock Slope												
State Coal Co., Inc.	North'd	-	-	-	-	-	-	-	223	35	-	9
State Breaker												
Natalie Bank	North'd	3,012	3,518	393	-	6,923	-	-	20	10	-	-



District 8

County	Production - net tons				Pounds		Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
	Shipped to market		Used at		Total production	Pounds used				
	By railroad	By truck	to colliery	local trade and heat						
North'd	10,681 13,693	12,475 15,993	1,387 1,780	- -	24,543 * 31,466 n	- -	109 63	18 63	- -	9 9
North'd	-	-	-	-	-	-	291	17	-	7
North'd	-	762	326	-	1,088 e	500	136	4	-	-
Schuylkill	-	-	-	-	- #	-	48	2	-	-
Schuylkill	63	32	359	-	454 l	250	92	3	-	-
North'd	-	420	180	-	600 e	350	62	3	-	-
District Total										
	42,577	316,493	52,588	87	441,745	14,635	183	259	1	43

NOTE: (a) All coal prepared at Split Vein Breaker - District 11.  
 (b) All coal prepared at Blaschak Breaker - District 7.  
 (c) All coal shipped direct to Merck Chemical Co., Danville, Pa.  
 (d) All coal prepared at Rosa Breaker - District 7.  
 (e) All coal prepared at Split Breaker - District 11.  
 (f) All coal prepared at Reichwein & Beury Breaker - District 9.  
 (g) All coal shipped direct to Pennsylvania Power & Light Co.  
 (h) All coal prepared at Hoover Breaker - District 11.  
 (i) 1,280 tons prepared at Starwood Breaker - District 7  
 1,625 tons prepared at Swift Breaker - District 11

(j) All coal prepared at Diminick Breaker - District 11.  
 (k) 700 tons prepared at Ace Breaker - District 11.  
 (l) 160 tons prepared at Blaschak Breaker - District 7  
 (1) All coal prepared at Malho Breaker - District 9.  
 (m) 6,185 tons prepared at Mammoth Breaker - District 8  
 3,355 tons prepared at Split Vein Breaker - District 11  
 (n) All coal prepared at State Breaker - District 8.  
 # No production  
 \* Suspended operations during 1969

District 9

Al-Mar Coal Co. No. 2 Slope	North'd	-	3,264	1,399	-	4,663 a	6,100	312	5	-
Ashland Community Enterprises Pioneer Tunnel	Schuylkill	-	-	-	-	- b	-	303	6	-
B. & B. Coal Co. No. 9 Vein Slope	North'd	-	655	-	-	655 c	400	123	3	-
B. & S. Coal Co. Primrose Slope	North'd	118	2,795	406	-	3,319 d	2,200	189	4	-
C. & P. Coal Co. Merriam Slope	Columbia	2,976	1,296	528	-	4,800 e	7,500	301	7	-





Operators and Collieries	County	District 10				Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non-fatal acci- dents
		Production - net tons								
		Shipped to market :	By :	Used at :	Total :					
		By railroad :	By truck :	By local trade :	to colliery and heat :	production :				
Glen Burn Colliery, Inc.	North'd	-	-	-	-	-	-	163	50	-
Glen Burn Breaker	North'd	3,194	3,871	2,613	-	9,678	-	40	3	-
Tharptown Bank	North'd	3,194	3,871	2,613	-	9,678	-	53	3	-
Total										
H. & S. Coal Co.	North'd	7,288	8,834	5,962	-	22,084 g	15,475	227	21	1
Glen Burn Drift	North'd	-	624	267	-	891 f	950	270	3	-
K. & K. Coal Co.	North'd	-	-	-	-	-	-	-	-	-
No. 5 Vein Rock Slope	North'd	250	3,400	1,220	1	4,871 b	1,200	226	5	-
M. G. & S. Coal Co.	North'd	393	5,504	1,964	1	7,862 b	1,300	245	5	-
No. 3 Slope	North'd	-	2,234	-	-	2,234 d	1,200	235	2	-
Maurer Coal Co., Paul	North'd	-	9,778	4,190	-	13,968 f	3,700	258	6	-
Motto Partnership Coal Co.	North'd	242	-	1,775	-	2,017 h	600	230	2	-
Zero Vein Slope	North'd	-	-	20	-	20 f	25	10	2	-
No. 10 Vein S. D. Slope	North'd	4,214	5,108	3,448	-	12,770 g	21,000	291	7	-
Mountain View Coal Co.	North'd	-	-	-	-	-	-	150	4	-
No. 1 Slope	North'd	-	-	-	-	-	-	254	10	-
P. & R. Coal Co.	North'd	-	-	-	-	-	-	259	6	-
No. 5 Vein Rock Slope	North'd	-	-	-	-	-	-	305	9	-
Peacock Coal Co.	North'd	-	-	-	-	-	-	31	7	-
No. 11 Vein Slope	North'd	-	-	-	-	-	-	308	7	-
Pine Line Coal Co.	North'd	-	-	-	-	-	-	20	3	-
No. 10 Vein Drift	North'd	-	-	-	-	-	-	260	3	-
Ranshaw Transportation & Auto Wreckers Co.	North'd	-	-	-	-	-	-	259	5	-
Ranshaw Washery	North'd	-	-	-	-	-	-	-	-	-
Rosini Coal Co.	North'd	-	-	-	-	-	-	-	-	-
Carbon Run Breaker	North'd	-	-	-	-	-	-	-	-	-
S. & C. Coal Co.	North'd	276	3,857	1,378	1	5,512 b	2,500	259	6	-
No. 4 Slope	North'd	638	-	4,682	-	5,320 h	4,000	305	9	-
Split Vein Coal Co., Inc.	North'd	12,508	10,546	1,471	-	24,525 i *	-	31	7	-
No. 2 Slope	North'd	-	-	-	-	-	-	308	7	-
State Coal Co., Inc.	North'd	-	-	-	-	-	-	20	3	-
Colbert Bank	North'd	-	-	-	-	-	-	260	3	-
Sunshine Coal Co.	North'd	-	-	-	-	-	-	-	-	-
Sunshine Breaker	North'd	-	-	30	-	30 b	25	-	-	-
Tower Coal Co.	North'd	-	-	-	-	-	-	-	-	-
No. 1 Slope	North'd	150	2,098	747	1	2,996 b	1,250	3	-	-
Twin Oaks Coal Co.	North'd	-	-	-	-	-	-	-	-	-
No. 4 Slope	North'd	-	-	-	-	-	-	-	-	-
West Cameron Coal Co.	North'd	-	6,497	2,784	-	9,281 j	4,800	-	-	-
No. 2 Vein Slope	North'd	-	-	-	-	-	-	-	-	-
District Total		29,915	104,086	43,044	6	177,051	90,650	675	211	198 1 22



## District 11

Operators and Collieries	County	Production - net tons				Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Used at		Total production	permis- sible ex- plosives used				
		By railroad	By truck	Sold to local trade	colliery for steam and heat						
K. & D. Coal Co.	North'd	-	-	-	-	-	-	28	3	-	-
K. & D. Breaker	North'd	-	-	-	-	-	-	94	3	-	-
Lady Luck Coal Co.	North'd	-	199	-	-	199	1	110	-	-	-
No. 1 Vein S. D. Slope	North'd	-	-	-	-	-	-	60	6	-	-
Lower Region Colliery	North'd	-	-	-	-	-	-	71	2	-	-
M. & Z. Coal Co.	North'd	-	-	-	-	-	-	257	4	-	-
Zero Lykens S. D. Drift	North'd	-	-	-	-	-	-	240	6	-	-
Marquette Coal Co.	North'd	-	3,100	-	-	3,100	k	1,150	-	-	-
No. 12 Vein S.D. Slope	North'd	8	5,398	37	-	5,443	1	2,280	-	-	-
Moore Coal Co.	North'd	28	385	137	-	550	m	280	-	3	-
No. 11 Vein S.D. 5, 6 & 7 Slopes	North'd	198	5,196	989	-	6,383	n	3,000	-	7	-
N. & L. Coal Co.	North'd	-	-	-	-	-	-	249	19	-	1
No. 4 Vein West Cross Pitch Slope	North'd	20,323	11	6,800	-	27,134	-	-	249	2	-
Phillips Coal Co.	North'd	27,628	15	9,245	-	36,888	-	-	249	3	-
No. 10 & 10½ Veins 3 & 4 Slopes	North'd	17,951	26	16,045	-	64,022	o	-	-	-	1
Reading Anthracite Co.	North'd	-	-	-	-	-	-	-	274	6	-
Trevorton Breaker	North'd	-	-	-	-	-	-	-	293	4	-
Trevorton Refuse Bank 228	North'd	-	-	-	-	-	-	-	300	14	-
Trevorton Slush Bank 57-1	North'd	-	-	-	-	-	-	-	46	4	-
Total		-	-	-	-	-	-	-	307	8	-
Reidinger Coal Service, Inc.	North'd	435	2,147	2,656	-	5,238	p	1,000	253	5	-
Reidinger Breaker	North'd	42	3,710	464	-	4,216	q	2,225	290	4	-
Slo-Burn Coal Co., Inc.	North'd	-	-	-	-	-	-	-	213	6	-
Slo-Burn Washery	North'd	-	-	-	-	-	-	-	176,526	57,015	-
Split Vein Coal Co., Inc.	North'd	-	-	-	-	-	-	-	234	188	-
Split Vein Breaker	North'd	-	-	-	-	-	-	-	-	-	6
Springfield Coal Co.	North'd	-	-	-	-	-	-	-	-	-	-
No. 7 & 5 Veins No. 1 Drift	North'd	-	-	-	-	-	-	-	-	-	-
Swift Coal Sales	North'd	-	-	-	-	-	-	-	-	-	-
Swift Breaker	North'd	-	-	-	-	-	-	-	-	-	-
T. & L. Coal Co.	North'd	-	-	-	-	-	-	-	-	-	-
Zero Lykens S. D. Slope	North'd	-	-	-	-	-	-	-	-	-	-
T. & M. Coal Co.	North'd	-	-	-	-	-	-	-	-	-	-
No. 14 Vein S.D. No. 2 Slope	North'd	-	-	-	-	-	-	-	-	-	-
Whitney Coal Co., Inc.	North'd	-	-	-	-	-	-	-	-	-	-
No. 11 Vein S. D. 2 & 3 Slopes	North'd	-	-	-	-	-	-	-	-	-	-
District Total		53,225	100,126	23,175	-	176,526	-	57,015	234	188	-



	District 10	Production - net tons	: Sold : Used at :	Pounds	Non-
		:	to colliery :	permis- sible ex-	fatal
		By :	for steam :	pines production:	Fatal acci-
		truck:	and heat :	used :	dents
Operators and Collieries	County	railroad	trade		
(a) All coal prepared at Slo-Burn Washery.					
(b) All coal prepared at Reidinger Breaker.					
(c) 6,135 tons prepared at Sunshine Breaker - District 10 7,195 tons prepared at H. J. & H. Breaker 2,871 tons prepared at D. & Z. Breaker					
(d) 1,797 tons prepared at Sunshine Breaker - District 10 1,687 tons prepared at H. J. & H. Breaker					
(e) All coal prepared at H. J. & H. Breaker. Mine formerly operated by H. J. & H. Coal Co. who produced 1,483 tons, used 450 pounds of explosives, worked 51 days, with 5 men - changed to M-D Coal Co. in March 1969. Breaker formerly operated by Bar Mac Coal Co. - worked 223 days with 5 employees - changed to G.M.P. Coal Co. in September 1969.					
(f)					
(g) 20,229 tons prepared at H. J. & H. Breaker 610 tons prepared at Ace Breaker					
(h) 3,459 tons prepared at Sunshine Breaker - District 10 No. 4 Slope was formerly operated by Chestnut Coal Co. who produced 2,717 tons, used 1,020 pounds explosives, worked 165 days with 5 men - changed to Gem Coal Co. in September 1969. Ceased operations during 1969.					

		District 12				
A. & D. Coal Co.						
Mammoth Slope						
Adams Co., Inc., Robert						
Kaska Bank						
Bernitsky Coal Co.						
Bernitsky Breaker						
No. 1 Slope						
Total						
Bernitsky & Stenulis Partnership						
Bottom Split Slope						
Bubel Mining Co., Inc.						
Holmes Slope						
Cass Contracting Co.						
Marlin Breaker						
Correale Construction Co.						
Nesquehoning Cleaning Plant						
Nesquehoning Bank						
Total						

[illegible]

District 12																
County	Operators and Collieries	Production - net tons					Pounds			Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents			
		Shipped to market :		Used at colliery for steam and heat	Total production:	Permissible explosives used	Total production:									
		By railroad	By truck					Sold to local trade	Permissible explosives used							
Schuylkill	Maidna Coal Co., Frank Skidmore Slope	14	31	91	-	1	137 p	350	-	100	2	-	-			
Schuylkill	Phoenix Contracting Co.	-	-	-	-	-	-	-	-	139	5	-	1			
Schuylkill	Black Heath Breaker	13,057	9,847	9,827	-	-	32,731 *	-	-	139	3	-	-			
Schuylkill	Phoenix Bank	13,057	9,847	9,827	-	-	32,731 q	-	-	-	8	-	1			
Total																
Schuylkill	Premium Fine Coal Co., Inc.	-	23,353	5,838	-	-	29,191	-	-	92	7	-	-			
Schuylkill	Premium Bank	-	-	-	-	-	-	-	-	92	5	-	-			
Schuylkill	Premium Fine Coal Plant	-	23,353	5,838	-	-	29,191 r	-	-	-	12	-	-			
Total																
Schuylkill	R. & R. Coal Co.	-	-	-	-	-	-	-	-	59	3	-	-			
Schuylkill	Brockton Breaker	-	-	-	-	-	-	-	-	151	1	-	-			
Schuylkill	Randolph Coal Co.	-	-	-	-	-	-	-	-	151	2	-	-			
Schuylkill	Randolph Washery	1,710	-	-	-	-	1,710 *	-	-	-	-	-	-			
Schuylkill	Randolph Bank	1,710	-	-	-	-	1,710 s	-	-	-	3	-	-			
Total																
Schuylkill	Reading Anthracite Co.	-	-	-	-	-	-	-	-	269	27	-	4			
Schuylkill	New St. Nicholas Breaker	-	-	-	-	-	-	-	-	274	32	-	5			
Schuylkill	New St. Nicholas Fine Coal Plant	-	-	-	-	-	-	-	-	233	5	-	-			
Schuylkill	Beechwood Cleaner Plant	-	-	-	-	-	-	-	-	176	7	-	3			
Schuylkill	Pine Forest Cleaner Plant	-	-	-	-	-	-	-	-	252	3	-	-			
Schuylkill	Oak Hill Slush Bank No. 73	13,478	2,471	6,514	-	-	22,463	-	-	-	-	-	-			
Schuylkill	Total	13,478	2,471	6,514	-	-	22,463 t	-	-	-	74	-	12			
Schuylkill	Schickram, William	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	No. 8 Bank	43,908	23,448	7,318	-	-	74,674 m	-	-	246	22	-	-			
Schuylkill	Silver Creek Coal Co., Inc.	-	-	-	-	-	-	-	-	131	6	-	-			
Schuylkill	Silver Creek Breaker	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	Skrineek Coal Co.	28	43	74	2	-	147 u	100	-	154	3	-	-			
Schuylkill	Skidmore Slope	-	-	-	-	-	-	-	-	213	4	-	-			
Schuylkill	South Tamaqua Coal Pockets	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	South Tamaqua Breaker	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	T. E. & E. Coal Co.	279	216	195	7	-	697 v	400	-	100	4	-	-			
Schuylkill	Water Level Tunnel	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	Thirty Slope, Inc.	1,929	3,041	2,448	-	-	7,418 w	6,000	-	232	17	-	-			
Schuylkill	Thirty Slope	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	Tracy Coal Co.	887	1,962	18	29	-	2,896 x	1,500	-	240	3	-	-			
Schuylkill	Tracy Vein Slope	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	Whippoorwill Coal Co.	197	849	2,717	11	-	3,774 y	2,900	-	248	4	-	-			
Schuylkill	Top Split Slope	-	-	-	-	-	-	-	-	-	-	-	-			
Schuylkill	Williams Coal Co., Evan	-	1,026	4,061	21	-	5,108 z	3,200	-	228	4	-	1			
Schuylkill	Primrose Slope	-	-	-	-	-	-	-	-	-	-	-	-			



District 13												
Operators and Collieries	County	Production - net tons				Pounds			Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market : By : railroad	to local trade	Used at colliery and heat	Sold to local trade	Total production:	: sible ex- plosives used	Pounds dynamite used				
Bosack Coal Co.	Schuylkill	453	1,002	1,778	-	3,233 b	4,800	-	250	4	-	-
No. 2 Drift Tunnel												
C. L. M. Coal Co.	Schuylkill	506	24,059	760	-	25,325 c	-	-	182	3	-	-
Phoenix Park Refuse Bank												
C. L. S. Coal Co.	Schuylkill	-	-	-	-	-	-	-	242	8	-	-
Maple Springs Breaker												
Branch Refuse Bank	Schuylkill	2	88	3	-	93	-	-	1	3	-	-
Total		2	88	3	-	93 c	-	-		11	-	-
Coxe Coal Co.	Schuylkill	5	406	4,421	49	4,881 d	1,700	700	197	4	-	-
Woods Drift												
Dando Coal Co., F. P.	Schuylkill	725	2,673	1,087	45	4,530 e	1,600	-	243	6	-	-
No. 12 Rock Slope												
Dembinsky Coal Co.	Schuylkill	-	-	-	-	- f	-	-	95	3	-	-
No. 3 Slope												
DiRenzo Coal Co.	Schuylkill	-	-	-	-	-	-	-	249	8	-	-
DiRenzo Breaker												
Glenn Worth Coal Co.	Schuylkill	-	-	-	-	-	-	-	171	3	-	-
Glenn Worth Breaker												
H. & M. Coal Co.	Schuylkill	-	746	73	-	819 g	200	-	78	3	-	-
H. & M. Coal Co.												
Selkirk Slope												
Haas Coal Co.	Schuylkill	-	284	201	5	490 h	300	-	50	3	-	-
No. 2 Slope												
Hegins Mining Co.	Schuylkill	-	-	-	-	-	-	-	304	6	-	-
Hillside Breaker	Schuylkill	-	6,363	4,498	108	10,969	9,550	600	307	8	-	6
Sharp Mountain Slope	Schuylkill	-	378	267	7	652	2,800	450	188	5	-	-
No. 2 Slope												
Total		-	6,741	4,765	115	11,621 i	12,350	1,050		19	-	6
K. & M. Coal Co.	Schuylkill	155	1,011	1,011	22	2,199 j	1,400	2,600	240	5	-	-
Westwood Slope												
K. S. F. Coal Co.	Schuylkill	4,095	16,281	3,376	151	23,903 k	36,350	-	313	10	-	-
K. S. F. Slope												
Keim Coal Co., Ralph	Schuylkill	27,562	7,934	5,846	418	41,760 l	-	-	243	7	-	-
Otto Bank												
Klinger Coal Co.	Schuylkill	208	1,585	1,222	24	3,039 m	2,050	-	249	3	-	-
No. 1 Slope												
Live Oak Coal Co.	Schuylkill	-	-	-	-	-	-	-	185	3	-	-
Live Oak Breaker												
M. & N. Coal Co.	Schuylkill	256	945	384	16	1,601	450	-	118	4	-	1
Middle Split Slope												
Peach Mountain Slope	Schuylkill	-	-	-	-	- n	-	-	3	5	-	-
Total		256	945	384	16	1,601 e	450	-		9	-	1







District 111.										
County	Production - net tons				Pounds			Days worked	Fatal acci- dents	Non-fatal acci- dents
	Shipped to market		Used at		Total production	Permissible explosives used	Employed			
	By railroad	By truck	To colliery	Local for steam and heat						
Operators and Collieries										
Blue Bell Enterprises, Inc.										
Kemble Bank	Schuylkill	2,168	1,802	-	-	3,970	-	87	2	-
Schneek Bank	Schuylkill	229	190	-	-	419	-	14	2	-
Rausch Creek Bank	Schuylkill	891	740	-	-	1,631	-	46	2	-
Total		3,288	2,732	-	-	6,020 c	-		6	-
Colket Coal Co.										
No. 2 & 3 Slopes	Schuylkill	222	4,637	670	11	5,540 d	5,200	258	3	-
Faust Coal Co.										
Faust Slope	Schuylkill	42	370	46	1	459	450	110	2	-
Tracy Slope	Schuylkill	252	707	59	-	1,018	750	108	3	-
Orchard Slope	Schuylkill	29	91	6	-	126	100	55	2	-
Total		323	1,168	111	1	1,603 e	1,300		7	-
Franklin Coal Co.										
Franklin Hydrotated Breaker	Schuylkill	-	-	-	-	-	-	258	9	-
H. & S. Coal Co.										
No. 1 Slope	Schuylkill	317	6,632	959	16	7,924 d	7,800	270	4	-
Hatter Coal Co.										
No. 1 Slope	Schuylkill	4,661	16,499	2,120	23	23,303 a	22,500	298	10	-
Hegins Mining Co.										
No. 5 West Slope	Schuylkill	-	12,805	9,051	221	22,077 f	18,650	304	16	-
Herring Brothers Coal Co.										
Herring Slope	Schuylkill	1,061	3,232	156	13	4,464 g	3,800	234	6	-
Industrial Coal Sales Co.										
Donaldson Breaker	Schuylkill	359	1,122	78	-	1,559	-	210	12	-
Donaldson Bank	Schuylkill	359	1,122	78	-	1,559 h	-	8	2	-
Total									14	-
L. E. H. Coal Co.										
L. E. H. Slope	Schuylkill	-	4,107	2,903	71	7,081 f	7,000	251	5	-
Mercury Coal Co., Inc.										
No. 4 Slope	Schuylkill	16,873	13,499	3,206	169	33,747 i	26,050	302	20	-
Miller Coal Co.										
Miller Slope	Schuylkill	-	-	-	-	-	-	152	2	-
Mountain Top Coal Co.										
Orchard Slope	Schuylkill	60	60	121	-	241 j	700	134	3	-
Neumeister Coal Co., James										
No. 1 Slope	Schuylkill	1,007	1,763	6,301	-	9,071 k	8,800	235	6	-
Oakwood Coal Co.										
Oakwood Breaker	Schuylkill	-	-	-	-	-	-	304	9	-
Remlinger Coal Co.										
Buck Mountain Slope	Schuylkill	1,381	1,253	2,439	3	5,076 l	5,800	263	6	-
S. B. K. Coal Co.										
Buck Mountain Slope	Schuylkill	220	804	3,314	37	4,375 m	1,500	232	4	-

Operators and Collieries	County	District 14				Production - net tons				Pounds				Non-			
		Shipped to market:		Used at:		: Sold		: to colliery		: sible ex-		: permiss-		: Fatal		: fatal	
		By	By	By	By	By	By	By	By	By	By	By	By	By	By	By	By
		By railroad	By truck	By trade	By steam	By heat	By production	By used	By dynamite	By used	By dynamite	By used	By dynamite	By used	By dynamite	By used	By dynamite
Schneck Coal Co., Thomas W.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Schneck Breaker	Schuylkill	131	5,011	115	2	2	5,259 n	3,000	-	-	-	-	-	-	-	-	-
Schwartzlander Coal Co.	Schuylkill	248	604	24	2	2	878 o	750	-	-	-	-	-	-	-	-	-
No. 1 Slope	Schuylkill	10	203	29	-	-	242 d	350	-	-	-	-	-	-	-	-	-
Three Par Coal Co.	Schuylkill	30,988	78,718	31,998	575	575	142,279	115,860	1,200	239	155	1	19				
Top Split Slope																	
Tobin Coal Co.																	
Little Buck Mountain Slope																	
District Total																	

NOTE: (a) All coal prepared at Superior Breaker - District 16.

(b) Mine ceased operations in October, 1969.

(c) 274 tons prepared at Glenick Breaker - District 13

163 tons prepared at Swatara Breaker - District 13

7 tons prepared at Old Mill Breaker - District 13

(d) All coal prepared at Tremont Breaker - District 15.

(e) All coal prepared at Oakwood Breaker.

(f) 354 tons prepared at Franklin Breaker

1,109 tons prepared at Donaldson Breaker

66 tons prepared at Kocher Breaker - District 15

74 tons prepared at Pine Creek Breaker - District 16

(g) All coal prepared at Hillside Breaker - District 13.

(h) 3,159 tons prepared at Schneck Breaker

1,287 tons prepared at Oakwood Breaker

(i) 18 tons prepared at Kocher Breaker - District 15

(j) All coal prepared at Donaldson Breaker

(k) All coal prepared at Kocher Breaker - District 15.

(j) All coal prepared at Old Mill Breaker - District 13.

(k) 7,190 tons prepared at Malho Breaker - District 9

(l) 1,881 tons prepared at Live Oak Breaker - District 13

(m) 273 tons prepared at Swatara Breaker - District 13

4,803 tons prepared at Old Mill Breaker - District 13

3,255 tons prepared at Underkoffler Breaker - District 16

176 tons prepared at Kocher Breaker - District 15

441 tons prepared at Legal Breaker - District 15

1482 tons prepared at Superior Breaker - District 16

21 tons prepared at Oakwood Breaker

(n) 754 tons prepared at Oakwood Breaker

397 tons prepared at Donaldson Breaker

49 tons prepared at Superior Breaker - District 16

(o) 4,059 tons sold to market unprepared at Fronk's Ramp-Dist. 16

614 tons prepared at Schneck Breaker

264 tons prepared at Superior Breaker - District 16

\* No production - Maintained as pump slope by Hatter Coal Co.

No. 1 Slope.

District 15				District 15				District 15				District 15				District 15			
B. & H. Coal Co.		Bottom Split Slope		Blue Bell Enterprises, Inc.		Tremont Breaker		Blackwood Bank		Total		Bush Coal Co.		Top Split Slope		Total		Total	
8	161	23	2	194 a	100	-	-	-	-	-	-	66	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	242	4	-	-	-	-	-	-
757	630	-	-	1,387	-	-	-	-	-	-	-	38	2	-	-	-	-	-	-
757	630	-	-	1,387 b	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
1,961	12,570	31,375	382	46,288 c	23,500	-	-	-	-	-	-	231	22	1	-	-	-	-	-

[illegible]

County	District 15										Non-fatal accidents
	Production - net tons					Pounds					
	Shipped to market	By truck	Sold to local	Used at colliery for steam and heat	Total production	Permissible explosives used	Excess explosives used	Dynamite used	Days worked	Employed	
County	By railroad	By truck	By truck	By truck	By truck	By truck	By truck	By truck	By truck	By truck	By truck
Operators and Collieries											
Ney & Lehman Coal Co. (Continued)											
Schuylkill	1,044	8,757	1,050	94	10,945	9,500	-	-	277	5	-
No. 2 Slope Total	1,054	8,975	1,081	97	11,207 s	9,500	-	-	-	9	-
P. & M. Coal Co.											
Schuylkill	434	4,572	4,777	92	9,875 t	8,550	-	-	248	8	-
Orchard Slope											
Panther Head Coal Co.	160	1,049	121	8	1,338 u	1,500	-	-	167	3	-
Buck Mountain Drift											
Schuylkill	14,079	12,304	2,840	140	29,363 v	28,500	-	-	254	17	3
R. & K. Coal Co.											
Schuylkill	3,753	10,260	1,561	25	15,599 w	9,500	-	-	360	8	1
No. 2 Vein Slope											
S. & W. Coal Co.	5,517	4,414	4,654	91	14,676 x	12,500	-	-	302	9	-
Middle Split Slope											
Schuylkill	1,166	4,083	13,360	188	18,797 y	14,500	-	-	248	9	-
Shade Coal Co.											
No. 2 Vein Slope	281	1,199	96	10	1,586 z	1,500	-	-	230	3	-
Sharp Mountain Coal Co.											
Schuylkill	2,861	3,604	482	30	6,977 aa	5,500	-	-	226	4	-
Spancake & Herring Coal Co.											
Buck Mountain Slope	5,383	5,942	1,166	50	12,541	7,000	-	-	297	9	-
Stahl Coal Co.	2,217	7,074	1,470	27	10,788	8,000	-	-	297	5	-
No. 2 Vein Slope	7,600	13,016	2,636	77	23,329 bb	15,000	-	-	-	14	-
No. 2 Slope Total											
Schuylkill	3,750	3,000	713	37	7,500 cc	8,000	-	-	271	6	1
Sweet Water Coal Co.											
Primrose Slope	658	8,401	6,590	156	15,805	13,500	-	-	287	5	-
Wolfgang Coal Co.	70	1,096	101	13	1,580	1,000	-	-	115	3	-
No. 1½ Vein Slope	728	9,497	6,991	169	17,385 dd	14,500	-	-	-	8	-
Diamond Slope											
Total											
Schuylkill	5,776	9,735	375	56	15,942 ee	14,500	-	-	234	8	-
Zimmerman Coal Co., Marlin											
Buck Mountain Slope	120,144	221,304	85,518	1,989	428,955	249,125	-	-	245	297	1
District Total											9

NOTE: (a) All coal prepared at Oakwood Breaker - District 14.

(b) All coal prepared at Tremont Breaker.

(c) 6,597 tons prepared at Dikens Breaker - District 13

23,130 tons prepared at Underkoffler Breaker - District 16

8,555 tons prepared at Franklin Breaker - District 14

4,397 tons prepared at Olenick Breaker - District 13

3,069 tons prepared at Pine Creek Breaker - District 16

(d) 1,326 tons prepared at Schneek Breaker - District 14

837 tons prepared at Pine Creek Breaker - District 16

226 tons prepared at Donaldson Breaker - District 14

419 tons prepared at Superior Breaker - District 16

6,009 tons prepared at Pine Creek Breaker - District 16

1,016 tons prepared at Kocher Breaker



## District 15

Operators and Collieries	Production - net tons			Pounds			Non-		
	Shipped to market :	Sold :	Used at :	Total :	permissible :	days worked :	fatal acci-	fatal acci-	den'ts
	By :	By :	for steam and heat :	production :	used :		den'ts	den'ts	
	County :	truck :	trade :	colliery :	dynami-				
NOTE: (r) 8,018 tons prepared at Superior Breaker - District 16				(u) 776 tons prepared at Oakwood Breaker - District 14					
2,014 tons prepared at Pine Creek Breaker - District 16				(v) 27,131 tons prepared at Kocher Breaker					
9,761 tons prepared at Schneek Breaker - District 14				(w) 21,232 tons prepared at Pine Creek Breaker - District 16					
8,361 tons prepared at Oakwood Breaker - District 14				(x) 3,902 tons prepared at Donaldson Breaker - District 14					
1,427 tons prepared at Hillside Breaker - District 13				(y) 614 tons prepared at Kocher Breaker					
1,992 tons prepared at K. & P. Breaker - District 12				(z) 11,034 tons prepared at Kocher Breaker					
(g) 3,857 tons prepared at Legal Breaker				(aa) 3,642 tons prepared at Underkoffler Breaker - District 16					
716 tons prepared at Schneek Breaker				(bb) 5,832 tons prepared at Superior Breaker - District 16					
(h) 311 tons prepared at Donaldson Breaker - District 14				(cc) 800 tons prepared at Schneek Breaker - District 14					
14,154 tons prepared at Franklin Breaker - District 14				(dd) 1,818 tons prepared at Kocher Breaker					
(i) All coal prepared at Hillside Breaker - District 13.				(ee) 447 tons prepared at Franklin Breaker - District 14					
(j) All coal prepared at Legal Breaker.				(ff) 326 tons prepared at Donaldson Breaker - District 14					
(k) 2,115 tons prepared at Underkoffler Breaker - District 16				(gg) 1,793 tons prepared at Pine Creek Breaker - District 16					
100 tons prepared at Superior Breaker - District 16				(hh) 9,253 tons prepared at Kocher Breaker					
(l) All coal prepared at Legal Breaker				(ii) 9,533 tons prepared at Donaldson Breaker - District 14					
(m) 2,008 tons prepared at Legal Breaker				(jj) 912 tons prepared at Underkoffler Breaker - District 16					
16 tons prepared at Franklin Breaker - District 14				(kk) 1,838 tons prepared at Superior Breaker - District 16					
(n) 6,481 tons prepared at Superior Breaker - District 14				(ll) All coal prepared at Kocher Breaker.					
5,877 tons prepared at Sdft Breaker - District 11				(mm) 1,286 tons prepared at Superior Breaker - District 16					
(o) 5,302 tons prepared at Legal Breaker				(nn) 200 tons prepared at Donaldson Breaker - District 14					
4,438 tons prepared at Oakwood Breaker - District 14				(oo) 5,455 tons prepared at Underkoffler Breaker - District 16					
(p) All coal prepared at Westwood Washery.				(pp) 473 tons prepared at Legal Breaker					
(q) All coal shipped direct to Chemical Plant in Slatington, Pa.				(qq) 300 tons prepared at Hhenzo Breaker - District 13					
(r) 1,453 tons prepared at Franklin Breaker - District 14				(rr) 11,992 tons prepared at Schneek Breaker - District 14					
4,927 tons prepared at Donaldson Breaker - District 14									
3,287 tons prepared at Pine Creek Breaker - District 16									
144 tons prepared at Kocher Breaker									
(s) 2,189 tons prepared at Schneek Breaker - District 14									
9,018 tons prepared at Oakwood Breaker - District 14									
(t) 4,803 tons prepared at Oakwood Breaker - District 14									
287 tons prepared at Donaldson Breaker - District 14									
4,229 tons prepared at Underkoffler Breaker - District 16									
556 tons prepared at Schneek Breaker - District 14									

## District 16

A. & P. Coal Co.									
L.V. No. 6 Vein Slope									
Schuykill	-	120	1	121 a	50	-	55	3	-



County	Shipped to market by	District 16 Production - net tons				Pounds permis- sible ex- ploives used	Days worked	Fatal acci- dents	Non- fatal acci- dents
		Production - net tons		Used at to colliery for steam and heat	Total production				
		By road	By truck						
Operators and Collieries									
Acme Coal Co.	Schuylkill	-	-	5,403	54	5,457 a	3,000	243	3
L. V. No. 5 Vein Slope	Schuylkill	2,334	8,573	1,079	15	12,001 b	6,950	269	5
B. & M. Coal Co.	Schuylkill	-	-	284	2	286 a	150	38	3
B. & P. Coal Co.	Schuylkill	2,171	1,136	1,013	21	4,341 c	2,800	247	3
Buck Mountain Slope	Schuylkill	2,546	7,611	711	51	10,919 d	9,500	281	8
D. & R. Coal Co.	Schuylkill	-	-	-	-	-	-	113	3
D. & R. Slope	Schuylkill	-	-	360	3	363 a	500	150	3
Firestone Mining, Inc.	Schuylkill	-	21,479	-	-	21,479 e	-	53	4
Frank Coal Co., George	Schuylkill	-	-	-	-	-	-	13	3
Lykens Breaker	Schuylkill	773	3,774	394	30	4,971 f	9,500	266	4
G. & K. Coal Co.	Schuylkill	5,095	4,076	969	50	10,190 c	7,431	172	8
Gangloff Brothers	Schuylkill	5,304	18,771	2,413	26	26,514 h	15,400	293	12
Lykens Silt Bank	Schuylkill	39	815	118	2	974 i	1,500	76	3
H. L. S. Coal Co.	Schuylkill	2,144	3,170	28,207	269	33,790 j	8,500	298	10
No. 4 Drift	Schuylkill	-	-	3,269	33	3,302 a	2,000	90	11
Harman Coal Co.	Schuylkill	2,344	3,170	31,476	302	37,092	10,500	1,800	21
Buck Mountain Slope	Schuylkill	749	2,108	80	9	2,916 k	2,300	273	4
Harner Coal Co., Inc.	Schuylkill	4,749	3,798	903	47	9,497	2,350	292	28
Skidmore Slope	Schuylkill	1,786	1,428	339	18	3,571	-	42	2
Hatter Coal Co.	Schuylkill	6,535	5,226	1,242	65	13,068 c	2,350	30	4
Middle Split Slope	Schuylkill	1,312	6,748	591	64	8,715 l	7,800	292	4
Hornberger Coal Co.	Schuylkill	3	60	68	1	132 m	50	54	3
Buck Mountain Slope	Schuylkill	-	-	964	9	973 a	550	114	3
J. & C. Coal, Inc.									
S. D. Skidmore Slope									
Total									
Kintzel Brothers Coal Co.									
L. V. No. 6 Vein Slope									
Kocher Coal Co., Inc., Leon E.									
Porter Tunnel Slope									
Kalmia Bank									
Total									
Koppenhaver Coal Co.									
Buck Mountain Slope									
Kron Coal Co.									
L. V. No. 1 1/2 Vein Slope									
Iahr Coal Co.									
White's Vein Slope									



Operators and Collieries	County	District 16 Production - net tons				Pounds permis- sible ex- posed	Pounds dynamite used	Days worked	Empl- oys	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market By	By truck	Sold to local trade	Used at colliery and heat						
Superior Preparation Co., Inc.	Schuylkill	-	-	-	-	-	-	308	10	-	-
Superior Breaker	Dauphin	-	-	2,978	30	3,008	2,100	236	3	-	-
Buck Mountain Slope	Dauphin	-	-	-	-	-	-	234	-	-	-
Underkoffler Breaker		-	-	2,978	30	3,008 a	2,100	-	27	-	-
Total											
Valley Construction Co.	Dauphin	-	-	-	-	-	-	17	3	-	-
L. V. No. 6 Vein Slope		-	-	-	-	-	-	-	-	-	-
White's Vein Coal Co.	Schuylkill	671	970	745	2	2,388 o	4,000	213	4	-	-
White's Vein Slope		-	-	-	-	-	-	-	-	-	-
Williamson Coal Co., Inc.	Schuylkill	14,879	31,256	14,648	125	60,908 aa	42,550	298	20	-	4
Skidmore Slope		-	-	-	-	-	-	-	-	-	-
Wolfe Coal Co.	Dauphin	-	-	63	1	64 a	25	32	2	-	-
No. 7 Vein Slope		-	-	-	-	-	-	-	-	-	-
District Total		57,252	160,202	93,754	1,135	312,343	166,631	12,375	226	301	3

## NOTE:

- (a) All coal prepared at Underkoffler Breaker.  
 (b) 11,458 tons prepared at Superior Breaker  
 543 tons prepared at Legal Breaker - District 15  
 (c) All coal prepared at Kocher Breaker - District 15.  
 (d) 1,437 tons prepared at Schneek Breaker - District 14  
 6,313 tons prepared at Legal Breaker - District 15  
 3,169 tons prepared at Kocher Breaker - District 15  
 (e) All coal sold unprepared to Pennsylvania Power & Light Co.  
 1,407 tons prepared at Pine Creek Breaker  
 3,175 tons prepared at Legal Breaker - District 15  
 389 tons prepared at Kocher Breaker - District 15  
 (g) Worked 13 days opening mine - no production of coal.  
 (h) All coal prepared at Superior Breaker.  
 (i) All coal prepared at Oakwood Breaker - District 14.  
 Ceased operating in April 1969.  
 (j) 6,953 tons prepared at Strohecker Breaker  
 26,241 tons prepared at Underkoffler Breaker  
 310 tons prepared at Superior Breaker  
 52 tons prepared at Pine Creek Breaker  
 234 tons prepared at Kocher Breaker - District 15  
 (k) 22,279 tons prepared at Schneek Breaker - District 14  
 667 tons prepared at Oakwood Breaker - District 14

- (l) 43 tons prepared at Superior Breaker  
 1,450 tons prepared at Kocher Breaker - District 15  
 7,222 tons prepared at Legal Breaker - District 15  
 (m) 60 tons prepared at Underkoffler Breaker  
 72 tons prepared at Oakwood Breaker - District 14  
 (n) 4,695 tons prepared at Pine Creek Breaker  
 702 tons prepared at Kocher Breaker - District 15  
 (o) All coal prepared at Strohecker Breaker.  
 11,130 tons prepared at Strohecker Breaker  
 (p) 2,514 tons prepared at Pine Creek Breaker  
 6,100 tons prepared at Riddinger Breaker - District 11  
 (q) 882 tons prepared at Swift Breaker - District 11  
 20 tons prepared at Schneek Breaker - District 14  
 (r) All coal prepared at Frank Breaker.  
 (s) All coal prepared at Meadowbrook Washery.  
 (t) 4,856 tons prepared at Pine Creek Breaker  
 1,161 tons prepared at Superior Breaker  
 (u) 1,049 tons prepared at Kocher Breaker - District 15  
 (v) All coal prepared at Pine Creek Breaker.  
 1,245 tons prepared at Franklin Breaker - District 14  
 609 tons prepared at Legal Breaker - District 15  
 518 tons prepared at Schneek Breaker - District 14  
 999 tons prepared at Kocher Breaker - District 15

## District 16

		Production - net tons				Pounds		Non-	
		: Sold		: Used at		: permis-		Fatal	
: Shipped to market		: to		: colliery		: stibb ex-		Pounds	
: By		: local		: for steam		: plovies		dynamite	
: railroad		: truck:		: trade		: production:		Days	
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# **ANTHRACITE OPERATORS**





## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

## ANTHRACITE OPERATORS--YEAR 1969

District	Operator	General Manager	Address	Zip Code
12	A. & D. Coal Co. DM	A. Androkitis	310 Elizabeth St.	Tamaqua 18252
8	A. D. G. Coal Co. DM	Joseph Alemeda		Lavelle 17943
16	A. & P. Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
5	Ace Anthracite, Inc. B bk	John Santioni	419 Center Street	Taylor 18517
5	Ace Coal Co. B	W. Simoncelli	300 Main Street	Peckville 18452
11	Ace Coal Sales BP	Walter Mudry	1349 Chestnut St.	Kulpmont 17834
16	Acme Coal Co. DM	Michael Suchar	130 W. Broad St.	Williamstown 17098
12	Adams Co., Inc., Robert B. bk	Robert B. Adams	P. O. Box 693	Pottsville 17901
10	Alarcon Coal Co. DM	Frank Alarcon	402 Melrose St.	Keiser 17832
9	Al-Mar Coal Co. DM	Alber Deitz	436 W. Third St.	Mt. Carmel 17851
5	American Silt Processing Co. W bk	Peter Brojak		Archbald 18403
9	Ashland Community Enterprises DM	Emil R. Ernert	702 Center St.	Ashland 17921
10	B. & B. Coal Co. DM	Frank Barella	513 West Fourth St.	Mt. Carmel 17851
9	B. & B. Coal Co. DM	N. Anascavage	934 Sharp Street	Shamokin 17872
14	B. & C. Coal Co. DM	Willard Clark	R. D. 1	Hegins 17938
7	B-D Mining Co. W bk	G. C. Hower		Gilberton 17934
14	B. & F. Coal Co. DM	F. Neumeister		Ashland 17921
15	B. & H. Coal Co. DM	Eugene Hawk	R.D.	Pine Grove 17963
16	B. & M. Coal Co. DM	Wayne Moyer		Valley View 17983
16	B. & P. Coal Co. DM	John Perhach	W. Market Street	Williamstown 17098
9	B. & S. Coal Co. DM	B. Blascovich	Box 208-A, R.D. 1	Shamokin 17872
11	Bank Coal Co., Inc. DM	E. Narcavage	P. O. Box 164	Mt. Carmel 17851
1-5	Barca Coal & Land Co. B bk S	Louis Falzone	50 Wyoming Ave.	Wyoming 18844
5	Baumann, John C. bk	J. C. Baumann	P. O. Box 505	Carbondale 18407
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brockton 17925
10	Bell Coal Co. DM	George Feaster, Jr.	551 Market St.	Trevorton 17881
12	Bernitsky Coal Co. BP DM	J. Bernitsky		Middleport 17953
12	Bernitsky & Stenulis Part. DM	Albert Bernitsky	17 Water Street	New Phila. 17959
7	Blaschak Coal Co., Inc. B DM	Edward Razzis	St. Nicholas	Mahanoy City 17948
1	Bliss Coal Co. S CP	Carl Bliss	P. O. Box 345	Milred 18632
4-13-	Blue Bell Enterprises, Inc.	J. W. Butcavage	720 Lytle Street	Minersville 17954
14-15	S BP bk			
1-5-6	Blue Coal Corp. B bk DM S	Isadore Berk	101 S. Main Street	Ashley 18706
13	Bosack Coal Co. DM	Frank Bosack, Jr.	R.D. 2, Box 788	Pottsville 17901
8	Botella Coal Co., James bk	James Botella	117 Williams St.	Girardville 17935
4	Bridy, Inc. S	Edward A. Bridy	237 W. Girard St.	Atlas 17811
2	Brook Contracting Corp. S	C. E. Wezner	127 W. Noble St.	Hazleton 18201
12	Bubel Mining Co., Inc. DM	Michael Bubel	P. O. Box 129	Brockton 17925
3	Buck Coal Co. S	John Miller	427 W. Avenue	Mt. Carmel 17851
7	Buckley Coal Corp. B	Norman James	R. D. 2	Weatherly 18255
8	Burnrite Coal Co. DM	Wm. Reiff	803 Walnut Street	Ashland 17921
11-15	Bush Coal Co. DM	Earl Bush	1404 E. Grand St.	Tower City 17980
5	C. B. M. Coal Co. bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18703
13	C. L. M. Partnership bk	J. Lazarchick	R. D. 1, Box 72	Pottsville 17901
4-13	C. L. S. Coal Co. S bk B	D. Roderick	P. O. Box 296	Branchdale 18201
9	C. & P. Coal Co. DM	R. A. Pittello	201 S. Vine St.	Mt. Carmel 17851
1	C. & S. Excavating Co. S	Peter Corazzi	101 E. Drinker St.	Dunmore 18512
7	Capparell Coal Co., Inc. B	Vincent Capparell		Shenandoah 17976
3-7-8	Capparell Strip & Const. Co. S bk	Martin Capparell	136 E. Fifth St.	Hazleton 18201
1	Carbondale Coal Co. S CP	John Gillen	78 Cottage St.	Carbondale 18407
12	Cass Contracting Co. BP	F. J. Ryan	R. D. 2	Pottsville 17901
10	Chestnut Coal Co. DM	Stephen Shingara	R. D. 3	Sunbury 17801
15	Chyke Coal Co. DM	Charles Chyke	S.R. Box 54	Tremont 17981
6	Ciarafoni Coal Co., Inc. DM	Albert Ciarafoni	580 Market Street	Kingston 18704
15	Clark Coal Co. DM	Clark Maurer, Jr.		Hegins 17938
10	Clay Coal Co. DM	Ellsworth Libby	690 Bear Valley Ave	Shamokin 17872
5	Coalbrook Iron & Metals bk	J. C. Baumann	P. O. Box 505	Carbondale 18407
7	Coleby Coal Co., Inc. W bk	G. C. Hower		McAdoo 18237
14	Colket Coal Co. DM	J. Messaros	School Row	Branchdale 17923

Dist- rict	Operator	General Manager	Address	Zip Code
4	Connors, Paul J. S	Paul J. Connors	P. O. Box 173	Pottsville 17901
3-9	Corrynham Contracting Co. S bk	W. J. Farley	P. O. Box 173	Ashland 17921
12	Correale Construction Co. bk	G. M. Seiler	109 E. First St.	Hazleton 18201
13	Coxe Coal Co. DM	Norman Essler	804 W. Market St.	Pottsville 17901
4	D. & F. Coal Co. S	F. G. Roehrig	204 North Street	Minersville 17954
11	D. H. & W. Coal Co. DM	Victor Delorso	P. O. Box 70-A	Paxinos 17860
12	D. & M. Coal Co. DM	Thomas Mogish	R. D. 1	Barnesville 18214
16	D. & R. Coal Co. DM	Robert Rhen	R. D. 3	Pine Grove 17938
8	D. R. Z. Coal Co. DM	D. Fernandez	112 Melrose St.	Kelser 17832
10	D. & S. Coal Co. DM	Daniel Fedako	1915 Race Street	Ashland 17921
3-11	D. & Z. Coal Co. S BP	Stanley Diminick	P. O. Box 307	Shamokin 17872
13	Dando Coal Co., F.P. DM	F. P. Dando	R. D. 3	Pottsville 17901
12	David Coal Co. DM	Harry David	R. D. 1	Schuylkill Ha. 17977
5	DeAngelis, Inc. B	J. C. Baumann	P. O. Box 505	Carbondale 18407
13	Dembinsky Coal Co. DM	N. Dembinsky	505 1/2 Pottsville St.	Minersville 17954
7	DiCasimiro Contracting Co. bk	Felix DiCasimiro	92 Main Street	Morea Colliery 17954
11	Diminick Coal Sales BP	E. J. Muolo	P. O. Box 132	Paxinos 17860
13	DiRenzo Coal Co. BP	Dominick DiRenzo	R. D. 2	Pottsville 17901
10	Duke Associates DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
10	Duke Mining Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
8	Dyszel Brothers Coal Co. DM	Steve Dyszel	104 N. Third St.	Girardville 17935
7	E. & M. Coal Co. DM	John Fegley	P. O. Box 296	Mahanoy City 17948
9	Ennis Coal Co. DM	William Ennis	7 W. Center St.	Ashland 17921
15	Erdman Coal Co. DM	Jay Erdman		Valley View 17983
4	F. & M. Coal Co. S	Francis J. Fox	720 Fairview St.	Pottsville 17901
7	Farace Coal Co., Inc., J.J. bk	Joseph Farace, Jr.	151 Wilson Drive	Hazleton 18201
14	Faust Coal Co. DM	Charles Faust	R. D. 3	Pine Grove 17963
16	Fireside Mining, Inc. DM	Sidney Melnicove	281 S. Main St.	Pine Grove 17963
4	Five Points Coal Co. S	James J. Hanlon	1305 W. Market St.	Pottsville 17901
3	Folger & Chapleski S	Leonard Chapleski	P. O. Box 5	Ramshaw 17866
7	Forgotch Brothers Coal Co. DM	Vincent Forgotch	522 W. Mahanoy Ave.	Mahanoy City 17948
7	Forsum Coal Co., Inc. DM	Forsum Sluck	P. O. Box 395	Gilberton 17934
10	Four Partners Coal Co. DM	John Vrona	814 E. Sunbury St.	Shamokin 17872
14	Franklin Coal Co. BP	Franklin Miller		Ravine 17966
16	Fronk Coal Co., George BP	George Fronk		Valley View 17983
11	L-D Coal Co. DM	Glen Derck	R. D. 2	Klingertown 17941
16	G. & K. Coal Co. DM	Joseph Garber	243 E. Broad St.	Williamstown 17098
5	G. M. C. Energy Fuels CP	A. Giarrantano	P. O. Box 702	Pittston 18610
9-11	G. M. P. Coal Co. DM BP	Albert Geslock	530 E. Seventh St.	Mt. Carmel 17851
8-9-16	Gangloff Brothers bk	G. B. Gangloff	R. D. 1	New Ringgold 17960
12	Garber Coal Co., Paul DM	Paul Garber	R. D. 1	Barnesville 18214
11	Gem Coal Co., Inc. DM	Clifford Artman	Box 71-A, R.D. 1	Shamokin 17872
7	Generose Coal Co., J. bk	J. Generose	306 Main Street	Lattimer 18234
7	Gilberton Coal Co. bk	G. C. Hower		Gilberton 17934
12	Ginther Coal Co. bk	David Bressler	P. O. Box 219	Hazleton 18201
3	Glenn Brass Coal Co. S	Glenn Brass	129 W. Avenue	Mt. Carmel 17851
10	Glen Burn Colliery B bk	Edward Helfrick	P. O. Box "F"	Shamokin 17872
6	Glen-Nan Coal Co., Inc. DM	G. H. Kienzle	St. Mary's Road	Wilkes-Barre 17802
13	Glenn Worth Coal Co. BP	Carl L. Hoke	2204 W. Market St.	Pottsville 17901
3	Glosek Bros. Coal Sales, Inc. S	Frank Glosek	1310 W. Holly St.	Shamokin 17872
12	Gorenty Coal Co. DM	Earl Gorenty	Walnut Street	Middleport 17953
2-7	Gowen Coal Co. S B BP	Elmer Roth		Fern Glen 18241
11	Grego & Deitz Coal Co. DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
12	Greenwood Mining Co. BP	Joseph Fauzio	P. O. Box 269	Tamaqua 18252
2	Greenwood Stripping Corp. S	Joseph Fauzio		Nesquehoning 18240
12	Grove Coal Co. bk	Frank J. Ryan	R. D. 2	Pottsville 17901
11	H. J. & H. Coal Co., Inc. BP	Harry D. Reitz	R. D. 1	Milton 17847
16	H. L. S. Coal Co. DM	Robert Snyder		Sacramento 17968
13	H. & M. Coal Co. DM	Donald Nahodil	1654 Mohawk St.	Shamokin 17872
10-14	H. & S. Coal Co. DM	Dale Herb		Donaldson 17981
13	Haas Coal Co. DM	Lester Haas		Pitman 17964
8	Hanks Coal Co. DM	Henry Szymanski	544 W. Third St.	Mt. Carmel 17851
8	Hard Top Coal Co. DM	Joseph Sluck	P. O. Box 395	Gilberton 17934
16	Harman Coal Co. DM	Clair Harman		Valley View 17983
15	Harner Coal Co. DM	Junior Harner		Tremont 17981
16	Harner Coal Co., Inc. DM	Alfred Harner		Valley View 17983
14-16	Hatter Coal Co. DM	Jacque Hatter		Hegins 17938
13-14-15	Hegins Mining Co. DM B	Forrest Otto		Zerbe 17981
15	High Test Coal Co. DM	R. R. Jones		Tamaqua 18252
2-7	Honeybrook Mines, Inc. S bk B	G. M. Seiler	109 E. First St.	Hazleton 18201

Dist- rict	Operator	General Manager	Address	Zip Code
11	Hoover Mining Co., Inc. BP	George Hoover	118 N. Sixth St.	Sunbury 17801
16	Hornberger Coal Co. DM	C. Hornberger	R. D. 1, Box 300	Ashland 17921
3	Howells & Olaf Stripping Co. S	Stanley Olaf	1475 Scott Street	Kulpmont 17834
2-7	Huss, George S W bk	George Huss	W. Main Street	Ringtown 17967
4-14	Industrial Coal Sales Co. S BP bk	Robert Doebler		Donaldson 17981
15-16	J. & C. Coal, Inc. DM	J. Walacavage	R. D. 1, Box 548	Pottsville 17901
2-7	Jeddo-Highland Coal Co. S B bk	Frank Moran	800 Exeter Ave.	W. Pittston 18643
3	Jet Coal Co. S	John Menapace	P. O. Box 443	Mt. Carmel 17851
8	K. & C. Coal Co. DM	Charles Cress	505 W. Mahanoy Ave.	Girardville 17935
11	K. & D. Coal Co. BP	Alvin Kopenhagen	Box 316-A, R.D. 2	Shamokin 17872
3	K. & J. Coal Co. S	Wallace Keller	709 N. Paxton St.	Centralia 17927
4	K. & K. Coal Co. S	B. Kuperavage	133 Valley Furance	Port Carbon 17965
10	K. & K. Coal Co. DM	John Kastroba	R. D. 2 Coal Run	Shamokin 17872
8	K. & M. Excavating Co. bk	Joseph Moroz	P. O. Box 454	Mt. Carmel 17851
13	K. & M. Coal Co. DM	Con Kulpavage	R. D. 2	Pottsville 17901
12	K. & P. Coal Co. BP	Edward Padinske	P. O. Box 296	Minersville 17954
13	K. S. F. Coal Co. DM	Melvin Kroh	R. D. 2	Hegins 17938
8	Kaleta Brothers Coal Co. DM	James Kaleta	Box 299-A Luke Fidler	Shamokin 17872
1	Kaminski Brothers S	J. Kaminski	378 State Road	Avoca 18640
2-7	Kassa Coal Co. S DM	Nicholas Kassa	322 Simpson St.	Dupont 18641
15	Keffers Coal Co. DM	Robert Barder		Iykens 17948
9	Kerrigan, Paul bk CP	Paul Kerrigan	R. D. 1	Ashland 17921
3	Kerris & Helffrick, Inc. S	Edward Helffrick	Lehigh & Poplar	Mt. Carmel 17851
16	Kintzel Brothers Coal Co. DM	Nathan Kintzel	R. D. 2	Pine Grove 17938
12	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	New Phila. 17959
4-13	Klinger Coal Co. S DM	Earl Klinger	R. D. 2	Hegins 17938
15	Knorr Coal Co. DM	Leroy Knorr, Sr.		Hegins 17938
4-15-16	Kocher Coal Co., Inc. BP S DM bk	Leon E. Kocher	P. O. Box 127	Valley View 17983
16	Koppenhaver Coal Co. DM	H. Koppenhaver	203 Laurel Street	Tremont 17981
4	Koury Coal Co. S	D. M. Koury	1038 Laurel St.	Pottsville 17901
4	Krell, Philip S	Philip Krell	R. D. 3	Tamaqua 18252
12	Kristoff Coal Co. DM	John Kristoff		Brockton 17925
16	Kroh Coal Co. DM	Mark Kroh		Good Spring 17981
14	L. E. H. Coal Co. DM	Howard Renninger	111 High Street	Pine Grove 17938
6	L. J. B., Inc. bk	Gelso Biscontini	St. Mary's Road	Wilkes-Barre 18702
11	Lady Luck Coal Co. DM	Ken Brassington	R. D. 3	Catawissa 17820
5	Lafin Heights Coal Co. bk	Louis Falzone	540 Wyoming Ave.	Wyoming 18644
16	Lahr Coal Co. DM	Marlin Lahr, Sr.	Mountainside	Williamstown 17098
12	Lanscoal Mining Co., Inc. DM	Stephen Karabinos	4 Ridge Street	Lansford 18232
15	Legal Coal Co. BP	Robert R. Jones		Tamaqua 18252
7	Lee Mining Co., Inc., J.F. DM	J. F. Lee	836 N. Church St.	Hazleton 18201
1-2-3-5	Lehigh Valley Anthracite, Inc.	Frank Moran	800 Exeter Ave.	W. Pittston 18643
7-8-12-15	B BP bk S			
16	Lehman Coal Co., Mervin DM	Ray Lucas		Donaldson 17981
13	Live Oak Coal Co. BP	Peter Laychock, Jr.	R. D. 1	Pottsville 17901
9	Lone Pine Coal Co. DM	Martin Bogus	1453 W. Mulberry St.	Shamokin 17872
11	Lower Region Colliery, Inc. W	Leonard Charleski	P. O. Box 240	Shamokin 17872
16	Lucas Coal Co., Franklin DM	Franklin Lucas	R. D. 3	Pine Grove 17938
7	McAdoo Mining Co. DM	Eugene Pinter	62 N. Tamaqua St.	McAdoo 18237
16	M. A. D. Coal Co. DM	Alvin Morgan	322 Main Street	Williamstown 17098
8	M. & J. Coal Co. bk	Robert Morris	313 Saylor Street	Atlas 17811
13	M. & N. Coal Co. DM	Michael Olenick	224 N. 20th St.	Pottsville 17901
8	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose St.	Keiser 17832
11	M. & Z. Coal Co. DM	Willard Marquette	611 W. Pine Street	Shamokin 17872
10	M. G. & S. Coal Co. DM	Joseph Murin	301 S. Spruce St.	Mt. Carmel 17851
15	M. W. S. Coal Co. DM	Palmer Mervine	R. D. 1	Ashland 17921
16	Mace Coal Co., James DM	R. Kerstetter		Spring Glen 17978
15	Madenford Coal Co. DM	George Madenford		Tremont 17981
7	Maksimik Coal Co. bk	S. Maksimik	435 W. Columbus St.	Shenandoah 17976
9	Malho Coal Co. B	Ralph Malho		Lavelle 17943
12-15	Manbeck Dredging Co., Inc. W bk	Kenneth Heiser	218 E. Liberty St.	Schuylkill Ha. 17972
12	Mar Strip & Excavating Co. bk	Armando Zarra	R. D. 2	Tamaqua 18252
16	Marby Coal Co., Inc. DM	Wm. Heitzman	R.D. 2, Box 340	Shamokin 17872
16	Marchuk & Sons Coal Co. DM	Steve Marchuk		Reinerton 17980
8	Marion Mining Co., Inc. DM CP	M. Raczkowski	P. O. Box 229	Shenandoah 17976
11	Marquette Coal Co. DM	D. H. Marquette	611 W. Pine St.	Shamokin 17872
10	Maurer Coal Co., Paul DM	Paul F. Maurer	820 Lott Street	Shamokin 17872
7	Mazaika Brothers Coal Co. B	E. W. Mazaika	R. D. 2	Tamaqua 18252
16	Meadowbrook Coal Co. W bk	Leslie Kimmel		Iykens 17948
2	Meadow Coal & Exc. Co., Inc. S	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
14	Mercury Coal Co., Inc. DM	Leon Richter		Donaldson 17981



Dist- rict	Operator	General Manager	Address	Zip Code
8	Mickey Coal Co. DM	J. Mickatavage	40 Oakland Ave.	Ashland 17921
14	Miller Coal Co. DM	Daniel Miller		Valley View 17983
3	Minel, Inc. S	S. Korenkiewicz	Box 141-K, R. D. 1	Shamokin 17872
13	Minersville Coal Co. BP	Leo Strenkiewicz	Drawer N	Minersville 17954
15	Minnick Coal Co. DM	Gene Minnick		Pine Grove 17938
5	Moffat Premium Anth., Inc. B	Michael Costanzo	78 Cottage Street	Carbondale 18407
4	Mohan Co., James E. S	James E. Mohan	277 Chestnut Street	Ashland 17921
11	Moore Coal Co. DM	Claude A. Moore	Box 281, R. D. 2	Shamokin 17877
8	Morack Coal Co. DM	John Morack	407 N. Vine Street	Mt. Carmel 17851
10	Motto Partnership DM	Frank Motto	P. O. Box 15	Excelsior 17825
4	Mountain Anthracite Co. S	Marlin Zimmerman		Ravine 17966
5	Mountain Coal Co. DM	Thomas Supey	55 W. Sixth St.	Wyoming 18644
12	Mountain Side Coal Co. BP	Roy Habel	548½ Broad Street	Tamaqua 18252
14	Mountain Top Coal Co. DM	William Vesay	515 St. Francis St.	Minersville 17954
10	Mountain View Coal Co. DM	James Foulds	1440 W. State St.	Shamokin 17872
12	My Own Coal Co. DM	Peter Gregas		Girardville 17935
11	N. & L. Coal Co. DM	A. J. Novrocki	Box 212, R. D. 1	Paxinos 17860
14	Neumeister Coal Co., J. DM	James Neumeister	Box 66, R. D. 1	Ashland 17921
15	Ney & Lehman Coal Co. DM	Carl Ney		Valley View 17983
12	Niadna Coal Co., Frank DM	Frank Niadna		Coaldale 18218
16	No. 4 Coal Co. DM	Frank Lucas	Main Street	Hegins 17938
3	North Line Coal Co. S	C. Wayne Troxell	Box "11"	Shamokin 17872
1-5	Northwest Mining Co., Inc. S B	John Gillen	78 Cottage Street	Carbondale 18407
5	O. S. C. Co. bk	A. J. Kaufman	S. Church Street	Carbondale 18407
14	Oakwood Coal Co. BP	David Deaven	R. D. 3	Pine Grove 17963
13	Old Mill Coal Yard B bk	Raymond Stein	P. O. Box 172	Llewellyn 17944
13	Olenick Brothers Coal Co. B bk	Nicholas Olenick		Minersville 17954
7	Olman & Co. DM	Joseph Olman	46 N. Tamaqua St.	McAdoo 18237
5	Opalka Brothers DM	Adam Opalka	438 Madison Ave.	Jermyn 18433
5	O'Toole, John F. CP	John F. O'Toole	208 S. Hyde Park	Scranton 18504
5	Olyphant Premium Anth., Inc. bk CP	Samuel Leonard	P. O. Box 282	Olyphant 18447
13	P. & H. Coal Co. DM	Walter Pewor	R. D. 2	Pottsville 17901
10	P. & R. Coal Co. DM	Joseph Rutkowski	827 Scott Street	Kulpmont 17851
4	Pacine Coal Co. S	Michael Pacine	Water Street	Cumbola 17930
15	Panther Head Coal Co. DM	Charles Butensky		Branchdale 17923
1	Pasternak Brothers S	John Pasternak	419 Center Street	Taylor 18642
10	Peacock Coal Co. DM	Robert Albert	1793 Tioga Street	Shamokin 17872
5	Penbrook Coal Co. B bk	Richard Fabri	729 Main Street	Archbald 18403
5	Perry Coal Sales Co., Inc. bk CP	Thomas Perry	1416 Penn Avenue	Scranton 18509
11	Phillips Coal Co. DM	Lewis H. Phillips	Box 133, R. D. 1	Shamokin 17872
7-12	Phoenix Contracting Co. bk B	W. L. Jones, Jr.	R. D. 2	Pine Grove 17938
16	Pine Creek Coal Co. BP	Ronald Klinger		Spring Glen 17978
10	Pine Line Coal Co. DM	Harry Wallick	300 S. Market St.	Shamokin 17872
7	Pleasant Hill Coal Co. DM	Peter Smulligan	Volcan	Barnesville 18214
8	Polcovich Coal Co. DM	John Polcovich	103 Center Street	Centralia 17927
6	Pollock, Inc., Ken bk	George Sorber	Route 11	Hunlock Creek 18600
5	Pompey Coal Co. bk	Charles Pompey	P. O. Box 91	Jessup 18434
8	Poponiak Brothers Coal Co. DM	John Poponiak	146 Warsaw Street	Keiser 17832
5	Popple Coal Sales Co., Raymond bk	Raymond Popple	300 Newrose Bldg.	Pittston 18640
12	Premium Fine Coal Co., Inc. bk	John Federak	202 Hunter Street	Tamaqua 18252
3	R. B. F. Coal Co. S	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
15	R. & K. Coal Co. DM	George Rigdosh		Wiconisco 17097
9	R. & L. Coal Co. DM	Francis Revenis	528 Locust Ave.	Centralia 17927
12	R. & R. Coal Co. BP	Ronnie Roynick	521 Oak Street	Jim Thorpe 18229
4	R. & S. Coal Co. S	Thomas Stewart	456 Sunbury St.	Minersville 17954
5-7	Racho, George bk	C. E. Wezner	P. O. Box 98	Hazleton 18201
12	Randolph Coal Co. W bk	Paul J. Connors	P. O. Box 173	Pottsville 17901
9-10	Ranshaw Transportation & Auto Wreckers Co. W bk	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
1	Raymond Colliery Co. S	John Gillen	78 Cottage Street	Carbondale 18407
3-4-7-9	Reading Anthracite Co.	G. A. Schnee	200 Mahantongo St.	Pottsville 17840
11-12-13	S BP bk W			
9-13	Reichwein & Beury Coal Co. B DM	Harold Reichwein	Box 261, R. D. 1	Ashland 17921
11	Reidinger Coal Service, Inc. BP	C. W. Troxell	Box L.Y.	Shamokin 17872
16	Reiner Coal Co. DM	William Reiner	837 E. Grand St.	Tower City 17980
14	Renninger & Partners Coal Co. DM	Theodore Renninger		Zerbe 17981
8	Ron Lee Coal Co. bk	Elwood Swank	R. D. 1	Paxinos 17860
3-10	Rosini Coal Co. S B	Evolde Rosini	P. O. Box 184	Shamokin 17872
13	S. & B. Coal Co. DM	Edward Sorokach	P. O. Box 14	Minersville 17954
14	S. B. K. Coal Co. DM	Mark Shade		Hegins 17938

Dist- rict	Operator		General Manager	Address		Zip Code
1	S. B. P. Coal Co.	S CP	Darrel Keihl	P. O. Box 68	Mildred	16632
10	S. & C. Coal Co.	DM	Wm. J. Stellar	1302 Scott St.	Kulpmont	17834
3	S. & D. Coal Co.	S	S. Shalamanda	R. D. 1	Ashland	17921
8	S. & D. Coal Co.	DM	Ernest DiRenzo	330 Melrose St.	Keiser	17832
13	S. & F. Coal Co.	DM	John Federovich	Main Street	Seltzer	17974
16	S. & K. Coal Co.	DM	Palmer Klinger		Spring Glen	17978
15	S. & M. Coal Co.	DM	Daniel Shade		Valley View	17983
13	S. & M. Coal Co.	DM	John Simodejka		Minersville	17954
3	S. & S. Contracting Co.	S	Edward Sosnoskie	219 E. Melrose St.	Keiser	17832
16	S. & T. Coal Co.	DM	Michael Scheib		Tremont	17981
15	S. & W. Coal Co.	DM	C. L. Williamson		Valley View	17983
9	Sanders Coal Co.	DM	Walter Anascavage	1015 W. Pine St.	Shamokin	17872
3-9	Savitski Bros. Coal Sales B	DM S	Joseph Savitski	Forest & Mulberry	Atlas	17811
12	Schickram, William	bk	William Schickram	130 Clay Street	Tamaqua	18252
14	Schneck Coal Co., Thomas W.	BP	Thomas W. Schneck	R. D. 1	Pine Grove	17963
4	Schock Co., Norman C.	S	Norman C. Schock		Tuscarora	17982
4-13	Schuylkill Contracting Co.	S bk	Frank J. Ryan	P. O. Box 360 1/2	Pottsville	17901
14	Schwartzlander Coal Co., Inc.	DM	J. Schwartzlander	31 North Street	Tremont	17987
9-13	Scott Coal Co.	DM	Steve Forgotch	7 Back Road	Shaft	17975
5	Scranton Excavating Co.	bk	Rocco Domiano	3 E. McClure Ave.	Old Forge	18518
13	Seanawaitis Bros. Coal Co.	DM	A. Seanawaitis	530 Lytle Street	Minersville	17954
5	Sebastopol Coal Co.	bk	A. Giarratano	P. O. Box 702	Pittston	18640
4	Seitzinger Bros. Leasing, Inc.	S	Wm. Seitzinger	Blvd. & Mill Creek	Pottsville	17901
15	Shade Coal Co.	DM	Alvin Shade		Valley View	17983
15	Sharp Mountain Coal Co.	DM	Henry Reber		Tremont	17987
16	Shomper Coal Co.	DM B	R. H. Shomper	305 Vine Street	Williamstown	17098
5-6	Silverbrook Anthracite, Inc.	B bk	Theodore Kassa	322 Simpson St.	Dupont	18641
12	Silver Creek Coal Co., Inc.	BP	A. Bonchack	P. O. Box 246	New Phila.	17959
13	Siminitus Coal Co.	DM	E. Siminitus	R.D. 1, Box 99 1/2	Pottsville	17901
12	Skrupnek Coal Co.	DM	Daniel Skripnek	R. D. 1	New Ringgold	18252
11	Slo-Burn Coal Co., Inc.	W	Alex Flohoskie	P. O. Box 164	Mt. Carmel	17851
16	Smeltz Coal Co.	DM	Joseph Shade	R. D. 1	Hegins	17938
13	Snyder Coal Co., Leroy	DM	Leroy Snyder	R. D. 1	Lykens	17048
13	Sorokach Coal Co.	DM	Edward Sorokach	Box 14	Minersville	17954
13	South Tamaqua Coal Pockets	BP	Donald Warne	R. D. 3	Tamaqua	18252
15	Spancake & Herring Coal Co.	DM	Milton Spancake		Pine Grove	17963
3-10-	Split Vein Coal Co., Inc.		Elwood Swank	Box 336-C, R.D. 1	Paxinos	17860
11-16	S BP DM					
11	Springfield Coal Co.	DM	S. Korenkiewicz	Box 141-K, R.D. 1	Shamokin	17872
15	Stahl Coal Co.	DM	John Stahl		Valley View	17983
16	Starnowsky & Miller Coal Co.	DM	James H. Miller	R. D. 1	Millersburg	17061
7	Starwood Coal Corp.	DM B	Alfred Peca	14 S. Main Street	Mahanoy City	17948
8-9-10	State Coal Co., Inc.	B bk	G. M. Seiler	R. D. 1, Box 56	Ashland	17921
16	Strohecker Coal Co.	BP	J. Strohecker	R. D. 1	Elizabethville	17023
13	Studlack Coal Co.	DM	A. Studlack	314 New Castle St.	Minersville	17954
8	Sun Coal Co., Inc.	B	Wm. J. Farley	215 N. Ninth St.	Ashland	17921
10	Sunshine Coal Co.	B	R. Steinhart	P. O. Box 502	Trevorton	17881
16	Superior Preparation Co., Inc.	BP	Roy Elyler		Valley View	17983
6	Susquehanna Coal Co.	BP	L. G. Lebo	8 W. Main Street	Nanticoke	18634
8	Swamp Coal Co.	DM	E. Lashendock	201 E. Warsaw St.	Keiser	17832
4-13	Swatara Coal Co.	BP S	W. P. Parker, Jr.	P. O. Box "G"	Minersville	17954
15	Sweet Water Coal Co.	DM	Leonard Harner		Sacramento	17968
11	Swift Coal Sales	BP	Adam Swift	1100 Center Street	Shamokin	17872
12	T. & E. Coal Co.	DM	E. Yeneshosky		New Phila.	17959
12	T. & L. Coal Co.	DM	William Lytle, Jr.	Box 367, R. D. 2	Shamokin	17872
11	T. & M. Coal Co.	DM	Thomas J. Morris	905 W. Pine St.	Shamokin	17872
5	Taminini Construction Co.	bk	Alfred Taminini	57 Sharp Street	Kingston	18704
12	Thirty Slope, Inc.	DM	Edmund Watkins	P. O. Box 229	Shenandoah	17976
14	Three Par Coal Co.	DM	Donald Batz	124 Main Street	Pine Grove	17963
14	Tobin Coal Co.	DM	Allen Tobin	530 Colliery Ave.	Tower City	17980
13	Tokarchek Coal Co.	DM	Michael Tokarchek	214 Laurel Street	Minersville	17954
10	Tower Coal Co.	DM	George Feaster, Jr.	551 Market Street	Trevorton	17881
12	Tracy Coal Co.	DM	Michael Dudash	R. D. 3	Pottsville	18152
10	Twin Oaks Coal Co.	DM	Leonard Machesic	R. D. 1	Paxinos	17860
16	Underkoffler Coal Co.	BP DM	G. Underkoffler		Williamstown	17098
4	Valent Coal Co., Frank	S	Frank Valent	360 S. Center St.	Pottsville	17901
7	Valley Coal Co.	B	Stanley Lech	R. D. 2	Tamaqua	18252
16	Valley Construction Co.	DM	George Fronk		Valley View	17983
4	Valley Enterprises, Inc.	S	Joseph Petrole	R. D. 2	Tamaqua	18252
5	Vullo & Vantaggi	bk	Alfred Vantaggi	207 Main Street	Pittston	18640

Dist- rict	Operator	General Manager	Address	Zip Code
4	W. & W. Construction Co. S	Jos. Walacavage	P. O. Box 548	Pottsville 17901
7	Wesner Coal Co. B	W. J. Wesner	R. D. 2	Tamaqua 18252
10	West Cameron Coal Co. DM	Robert Erb	603 Market Street	Shamokin 17872
13	West West Coal Co. DM	Leo Strenkoski	P. O. Drawer I	Minersville 17954
12	Whippoorwill Coal Co. DM	Jos. Tarconish, Jr.	Washington Street	Middleport 17953
8	White Birch Coal Co. DM	M. Raczkowski	P. O. Box 229	Shenandoah 17976
7-8	White Coal Co. DM bk	Wilbur White	P. O. Box 47	Ashland 17921
16	White's Vein Coal Co.	Clayton Shade		Sacramento 17968
11	Whitney Coal Co., Inc. DM	Charles Greco	1054 Scott St.	Kulpmont 17834
12	Williams Partnership DM	Evan Williams		New Phila. 17959
16	Williamson Coal Co., Inc. DM	A. Williamson		Valley View 17983
13	Winne Land Co. W	Robert Bickel	R.D. 2, Box 360½	Pottsville 17901
16	Wolfe Coal Co. DM	William Wolfe	307 North Street	Williamstown 17098
15	Wolfgang Coal Co. DM	Marlin Wolfgang	169 Wiconisco St.	Tower City 17980
13	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llewellyn 17944
13	Woodside Mining Co. DM	John Olenick	R. D. 1, Box 117-A	Pottsville 17901
12	Zakrewsky Coal Co. DM	Peter Zakrewsky	Park Crest	Barnesville 18214
9	Zanella Brothers Coal Co. DM	Stephen Zanella	34 Spruce Street	Ashland 17921
15	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966
8	Zukus Coal Co. DM	Joseph Zukus	557 W. Girard St.	Atlas 17811

NOTE: DM - Denotes Deep Mines  
 S - Denotes Strip Mine Operations  
 B - Denotes Breakers  
 BP - Denotes Breaker Preparation Only  
 bk - Denotes Bank Operations  
 CP - Denotes Cleaning Plant  
 W - Denotes Washery

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# **ANTHRACITE**

**BREAKERS,  
WASHERIES AND  
PREPARATION  
PLANTS**



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION  
Breakers, Washeries and Preparation Plants

1969

Dist- rict	Preparation Plant	Company	Location	Zip Code
5	Ace Breaker	Ace Anthracite, Inc.	Blakely	18512
11	Ace Breaker	Ace Coal Sales	Weigh Scales	17872
7	B-D Fine Coal Plant	B-D Mining Co.	Mahanoy Twp.	17958
7	Beaver Brook Fine Coal Plant	Huss, George	Hazle Twp.	18704
12	Beechwood Cleaner Plant	Reading Anthracite Co.	Seltzer	17974
12	Bernitsky Breaker	Bernitsky Coal Co.	Middleport	17953
12	Black Heath Breaker	Phoenix Contracting Co.	Cressona	17929
7	Blaschak Breaker	Blaschak Coal Co., Inc.	St. Nicholas	17948
1	Bliss Crushing Plant	Bliss Brothers Coal Co.	Cherry Twp.	18632
5	Booth Cleaning Plant	Barca Coal & Land Co.	Mildred	18632
12	Brockton Breaker	R. & R. Coal Co.	Brockton	17925
7	Candleton Breaker	Coleby Coal Co., Inc.	Gilberton	17934
10	Carbon Run Breaker	Rosini Coal Co.	Shamokin	17872
11	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scales	17872
8	Diamond Breaker	Sun Coal Co., Inc.	Atlas	17811
11	Diminick Breaker	Diminick Coal Sales	Paxinos	17860
13	DiRenzo Breaker	DiRenzo Coal Co.	Llewellyn	17944
14	Donaldson Breaker	Industrial Coal Sales Co.	Donaldson	17981
7	Eckley Breaker	Buckley Coal Corp.	Eckley	
5	Franklin Cleaning Plant	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18702
14	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine	17966
11	G. M. P. Breaker *	Bar-Mac Coal Co., Inc.	Weigh Scales	17872
10	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
6	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon	18617
13	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
7	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
7	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
12	Greenwood Breaker	Greenwood Mining Co.	Rahn Twp.	19126
12	Greenwood Fine Coal Plant	Greenwood Mining Co.	Coaldale	18218
11	H. J. & H. Breaker	H. J. & H. Coal Co., Inc.	Trevorton	17881
5	Harry E. Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18704
7	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Hazleton Shaft Cleaning Plant	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Highland No. 5 Breaker	Jeddo-Highland Coal Co.	Foster Twp.	18642
13	Hillside Breaker	Hegins Coal Co.	Zerbe	17984
7	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
11	Hoover Breaker	Hoover Mining Co., Inc.	Paxinos	17860
5	Huber Breaker	Blue Coal Corporation	Ashley	18706
7	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Hazle Twp.	18704
15	Joliett Breaker	Lehigh Valley Anthracite, Inc.	Joliett	17981
11	K. & D. Breaker	K. & D. Coal Co.	Weigh Scales	17872
12	K. & P. Breaker	K. & P. Coal Co.	Minersville	17954
5	Kassa Breaker	Silverbrook Anthracite, Inc.	Laflin	18702
9	Kerrigan Table Plant	Kerrigan, Paul	Ashland R.D. 1	17921
15	Kocher Breaker	Kocher Coal Co., Inc., Leon E.	Good Spring	17983
15	Legal Breaker	Legal Coal Co.	Good Spring	17983
7	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
13	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
12	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville	17942
11	Lower Region Washery	Lower Region Colliery, Inc.	Trevorton Road	17881
12	Lucanna Fine Coal Plant	Ginther Coal Co.	Cumbola	17930
16	Iykens Breaker	Fronk Coal Co., George	Iykens	17948
13	Lytle Washery	Winne Land Co.	Primrose	17954
9	Malho Breaker	Malho Coal Co.	Lavelle	17943
8	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run	17946
7	Maple Hill Cleaning Plant	Reading Anthracite Co.	Maple Hill	17976
13	Maple Spring Breaker	C. L. S. Coal Co.	Branchdale	17923
12	Marlin Breaker	Cass Contracting Co.	Marlin	17951

Dist- rict	Preparation Plant	Company	Location	Zip Code
5	Marvine Sizing Plant	Northwest Mining Co., Inc.	Scranton	18509
7	Mazaika Breaker	Mazaika Brothers Coal Co.	Rush Twp.	18252
16	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17948
13	Minersville Breaker	Minersville Coal Co.	Llewellyn	17944
7	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955
12	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
12	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
12	Nesquehoning Cleaning Plant	Correale Construction Co.	Nesquehoning	18240
12	New St. Nicholas Breaker	Reading Anthracite Co.	Seltzer	17974
12	New St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Seltzer	17974
14	Oakwood Breaker	Oakwood Coal Co., Inc.	Pine Grove	17963
13	Old Mill Breaker	Old Mill Coal Yard	Llewellyn	17944
13	Olenick Breaker	Olenick Brothers Coal Co.	Forestville	16035
5	Olyphant Cleaning Plant	Olyphant Premium Anthracite, Inc.	Dickson City	18519
5	O'Toole Sizing Plant	O'Toole, John F.	Moosic	18505
5	Penbrook Breaker	Penbrook Coal Co.	Archbald	18403
5	Perry Avoca Cleaning Plant	Perry Coal Sales Co., Thomas	Avoca	18641
16	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17928
12	Pine Forest Cleaner Plant	Reading Anthracite Co.	Seltzer	17974
12	Premium Pine Coal Plant	Premium Fine Coal Co., Inc.	South Tamaqua	18252
5	Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains	18705
12	Randolph Washery	Randolph Coal Co.	Port Carbon	17965
10	Ranshaw Washery	Ranshaw Transportation & Auto Wreckers Co.	Ranshaw	17866
5	Raymond Breaker	Northwest Mining Co., Inc.	Eynon	18718
9	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Gordon	17921
11	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
7	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah	17976
1	S. B. P. Crushing Plant	S. B. P. Coal Co.	Cherry Twp.	18632
7	St. Nicholas Fine Coal Plant	Reading Anthracite Co.	St. Nicholas	17948
12	Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
9	Savitski Breaker	Savitski Brothers Coal Sales	Atlas	17811
14	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove	17963
16	Shomper Breaker	Shomper Coal Co.	Williamstown	17098
12	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Phila.	17959
11	Slo-Burn Washery	Slo-Burn Coal Co., Inc.	Weigh Scales	17872
12	South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua	18252
11	Split Vein Breaker	Split Vein Coal Co., Inc.	Weigh Scales	17872
7	Starwood Breaker	Starwood Coal Corp.	New Boston	17958
8	State Breaker	State Coal Co., Inc.	Strong	17879
16	Strohecker Breaker	Strohecker Coal Co.	Elizabethville	17023
10	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
16	Superior Breaker	Superior Preparation Co., Inc.	Valley View	17983
13	Swatara Breaker	Swatara Coal Co.	Zerbe	17984
11	Swift Breaker	Swift Coal Sales	Paxinos	17860
5	Taylor Breaker	Moffat Premium Anthracite, Inc.	Taylor	18517
15	Tremont Breaker	Blue Bell Enterprises, Inc.	Tremont	17981
11	Trevorton Breaker	Reading Anthracite Co.	Trevorton	17881
16	Underkoffler Breaker	Underkoffler Coal Sales	Lykens	17048
7	Valley Breaker	Valley Coal Co.	Rush Twp.	18252
5	Waddell Washery	American Silt Processing Co., Inc.	Winton(Jessup)	18434
7	Wesner Breaker	Wesner Coal Co.	Rush Twp.	18252
15	Westwood Washery	Manbeck Dredging Co., Inc.	Joliet	17981
5	Ziffenblatt Cleaning Plant	G. M. C. Energy Fuels	Duryea	18642

\* Formerly the Bar-Mac Breaker

**BITUMINOUS  
COAL  
DIVISION  
STATISTICAL  
REPORTS**





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

BITUMINOUS COAL DIVISION

Production, Employees, Fatalities, 1877 to 1969

Year	Production (Net Tons)*	Stripping Production	Em- ployees	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1,000 Em- ployees	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1877	1,305,932	-	16,627	13	100,456	0.78	9.95	3
1878	12,500,741	-	25,787	48	260,432	1.86	3.84	3
1879	14,341,369	-	27,286	55	242,570	2.01	3.84	3
1880	16,564,440	-	33,391	48	345,092	1.43	2.90	3
1881	15,916,123	-	35,530	57	279,230	1.60	3.58	4
1882	20,694,110	-	42,393	94	220,150	2.22	4.54	4
1883	18,729,817	-	35,091	54	346,848	1.54	2.88	6
1884	20,553,090	-	39,904	105	195,744	2.63	5.11	6
1885	23,413,692	-	44,145	83	282,092	1.88	3.54	8
1886	27,107,173	-	52,364	74	366,313	1.41	2.73	8
1887	29,966,855	-	57,868	84	356,748	1.45	2.80	8
1888	33,772,286	-	61,565	90	375,248	1.46	2.66	8
1889	34,625,054	-	62,084	105	329,762	1.69	3.03	8
1890	40,884,103	-	67,383	146	273,179	2.17	3.57	8
1891	41,805,642	-	74,135	237	176,395	3.20	5.67	8
1892	46,581,575	-	78,805	134	347,623	1.70	2.88	8
1893	43,421,898	-	81,872	131	334,015	1.60	3.02	10
1894	39,800,210	-	86,118	123	320,969	1.43	3.09	10
1895	51,818,112	-	84,976	156	332,167	1.84	3.01	10
1896	50,284,692	-	83,801	180	279,359	2.15	3.58	10
1897	54,625,272	-	86,553	150	364,168	1.73	2.75	10
1898	64,247,665	-	87,803	200	321,238	2.28	3.11	10
1899	73,066,945	-	91,505	258	283,205	2.82	3.53	10
1900	79,318,362	-	108,735	265	299,315	2.44	3.34	10
1901	80,914,236	-	117,501	301	266,818	2.56	3.72	12
1902	98,529,122	-	135,611	456	216,072	3.36	4.63	12
1903	103,713,982	-	151,745	402	257,995	2.65	3.88	15
1904	99,600,167	-	155,747	536	185,821	3.44	5.38	15
1905	119,361,514	-	164,941	479	249,189	2.90	4.01	16
1906	129,532,989	-	172,928	477	271,557	2.76	3.68	18
1907	149,559,047	-	183,121	806	185,557	4.40	5.39	20
1908	114,937,375	-	181,840	572	200,939	3.15	4.98	20
1909	136,205,695	-	185,921	506	269,181	2.72	3.71	21
1910	148,770,858	-	193,488	539	276,013	2.79	3.62	21
1911	142,189,329	-	182,653	515	276,096	2.82	3.62	25
1912	160,830,492	-	182,642	446	360,606	2.44	2.77	26
1913	172,965,659	-	189,909	611	283,086	3.22	3.53	28
1914	145,884,530	-	196,038	413	353,231	2.11	2.83	28
1915	157,420,068	-	187,734	442	356,154	2.35	2.81	30
1916	169,123,814	-	174,304	436	387,899	2.50	2.58	30
1917	171,074,411	-	186,586	494	346,304	2.65	2.89	30
1918	177,217,294	-	181,678	494	358,739	2.72	2.79	30
1919	147,085,781	-	180,831	401	366,797	2.22	2.73	30
1920	166,929,002	-	184,168	424	393,700	2.30	2.54	30
1921	114,447,134	-	200,419	284	402,983	1.42	2.48	30
1922	108,310,046	-	194,630	424	255,448	2.18	3.91	30
1923	169,181,137	-	200,538	401	421,898	2.00	2.37	30
1924	128,751,028	-	174,469	345	373,191	1.98	2.68	30
1925	135,266,612	-	165,586	312	433,547	1.88	2.31	30
1926	151,746,464	-	164,782	421	360,443	2.55	2.77	30
1927	131,644,922	-	158,204	355	370,831	2.24	2.70	30
1928	129,846,153	-	137,944	508	255,603	3.68	3.91	30
1929	142,351,359	-	135,272	378	376,591	2.79	2.66	30
1930	123,417,850	-	133,703	296	416,952	2.21	2.40	30
1931	96,844,250	-	119,265	208	465,597	1.74	2.15	30
1932	74,162,485	-	106,597	155	478,468	1.45	2.09	30
1933	78,511,846	-	116,917	135	581,569	1.15	1.72	26
1934	89,592,481	-	127,868	157	570,653	1.23	1.75	26

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1935	91,140,273	-	129,346	161	566,089	1.24	1.77	26
1936	108,964,865	-	133,914	190	573,499	1.42	1.74	26
1937	110,447,947	-	133,487	186	593,645	1.39	1.68	25
1938	76,881,944	-	115,347	119	646,067	1.03	1.55	25
1939	89,397,222	2,792,966	117,959	120	744,977	1.02	1.34	25
1940	111,446,916	2,808,607	117,832	188	592,643	1.60	1.69	25
1941	127,469,207	6,479,207	124,941	166	767,887	1.33	1.30	23
1942	142,759,573	10,303,160	115,451	187	763,420	1.62	1.31	27
1943	139,801,363	17,177,054	105,903	178	785,401	1.68	1.27	26
1944	144,408,418	22,211,661	99,942	164	880,539	1.64	1.14	25
1945	130,696,854	26,675,095	98,764	141	926,928	1.43	1.08	27
1946	123,587,065	31,047,425	103,894	128	965,524	1.23	1.04	27
1947	144,761,964	35,946,734	109,202	134	1,080,313	1.23	0.93	27
1948	130,627,789	33,483,099	110,326	114	1,145,857	1.03	0.87	27
1949	87,351,892	21,326,389	100,119	65	1,343,875	0.65	0.74	29
1950	103,439,887	25,460,343	94,514	83	1,246,264	0.88	0.80	29
1951	106,680,097	22,688,543	86,369	70	1,524,011	0.81	0.66	28
1952	87,308,999	19,462,498	76,676	63	1,385,857	0.82	0.72	30
1953	91,938,156	19,538,037	69,126	67	1,372,211	0.97	0.73	30
1954	70,823,985	16,954,885	55,405	44	1,609,636	0.79	0.62	29
1955**	85,042,677	19,212,869	52,103	50	1,700,854	0.96	0.59	27
1956	88,595,658	21,694,916	50,529	51	1,737,170	1.01	0.58	26
1957	84,064,493	20,558,733	46,989	53	1,586,123	1.13	0.63	30
1958	67,398,564	19,548,293	41,309	32	2,106,205	0.77	0.47	31
1959	65,627,585	20,506,999	37,337	35	1,875,074	0.94	0.53	31
1960	65,595,999	21,028,887	33,396	26	2,522,923	0.78	0.40	29
1961	63,171,313	20,892,758	29,633	22	2,871,423	0.74	0.35	26
1962	65,648,015	22,235,984	27,264	59	1,112,678	2.16	0.90	28
1963	71,258,957	24,233,668	26,216	21	3,393,284	0.80	0.29	30
1964	77,321,793	24,019,760	26,008	18	4,295,655	0.69	0.23	30
1965	80,119,548	23,681,102	25,206	33	2,427,865	1.31	0.41	32
1966	81,449,647	24,701,150	24,729	28	2,908,916	1.13	0.34	33
1967	79,101,385	21,729,033	23,811	27	2,929,681	1.13	0.34	33
1968	75,714,611	20,512,477	23,117	29	2,610,849	1.25	0.38	33
1969	78,185,036	21,652,731	22,969	25	3,127,401	1.09	0.32	33

\* Includes stripping production.

\*\* In 1955, and subsequent years, the production, employees and fatalities of deep mines employing fewer than five (5) persons inside are included in the Division totals.

SUMMARY OF BITUMINOUS MINES, PRODUCTION AND FATALITIES BY DISTRICT  
1969

District	Inspector	Total No. of Opera- tors	Total No. of Deep Mines	No. of Small Deep Mines	No. of Strip Mines	No. of Total Mines	No. of Gaseous Mines	No. of Non- Gaseous Mines	No. of Strip Mines	No. of Auger Mines	Total Em- ployes	Deep Mined Production	Strip Mined Production	Auger Mined Production	Total Production Tons	Fa- talities	Production Per Fatal
1	P. H. Hyatt	26	10	4	10	2	8	573	513	1,722,855	1,722,855	1	1,722,855	1	1,722,855	1	1,722,855
2	N. I. Rogers	2	2	2	2	2	2	1,808	1,808	5,071,828	5,071,828	1	5,071,828	1	5,071,828	1	5,071,828
3	N. J. McInelly	9	12	4	12	8	4	598	598	2,516,044	2,516,044	1	2,516,044	1	2,516,044	1	2,516,044
4	G. P. Beck	4	5	2	5	3	2	866	866	3,113,828	3,113,828	1	3,113,828	1	3,113,828	1	3,113,828
5	G. M. Hovanic	5	5	2	5	3	2	1,100	1,100	5,793,567	5,793,567	3	5,793,567	3	5,793,567	3	1,931,189
6	S. A. Fredrick	5	7	4	7	4	3	2,055	2,055	5,658,409	5,658,409	2	5,658,409	2	5,658,409	2	2,829,204
7	S. J. McInelly, Actg.	3	4	4	4	4	4	1,636	1,636	4,131,266	4,131,266	1	4,131,266	1	4,131,266	1	4,131,266
8	W. J. J. McInelly	35	15	8	15	15	15	446	446	878,240	878,240	1	878,240	1	878,240	1	878,240
9	C. F. Kelly	6	10	6	10	6	4	320	320	1,685,279	1,685,279	1	1,685,279	1	1,685,279	1	1,685,279
10	J. E. McInelly	12	12	5	12	8	4	954	954	2,580,419	2,580,419	2	2,580,419	2	2,580,419	2	1,290,209
11	J. M. Muehler	12	12	5	12	2	10	384	384	1,556,030	1,556,030	1	1,556,030	1	1,556,030	1	1,556,030
12	J. E. Laont	28	21	6	21	21	21	594	594	1,660,226	1,660,226	1	1,660,226	1	1,660,226	1	1,660,226
13	J. E. Laont	19	18	1	18	1	17	594	594	1,660,226	1,660,226	1	1,660,226	1	1,660,226	1	1,660,226
14	L. D. Kimmel	12	13	3	13	6	7	871	871	2,432,343	2,432,343	1	2,432,343	1	2,432,343	1	2,432,343
15	P. B. Geddis	21	16	4	16	16	16	531	531	1,203,010	1,203,010	2	1,203,010	2	1,203,010	2	601,505
16	Frank Kalsenock	13	17	8	17	17	17	562	562	1,021,162	1,021,162	1	1,021,162	1	1,021,162	1	1,021,162
17	Lawrence Jones *	2	2	1	2	2	2	729	729	1,571,315	1,571,315	3	1,571,315	3	523,771	3	523,771
18	E. H. Palmer	6	7	1	7	7	7	396	396	880,515	880,515	1	880,515	1	880,515	1	880,515
19	Michael Phillips	13	32	18	32	32	32	128	128	129,947	129,947	1	129,947	1	129,947	1	129,947
20	C. H. Walze	24	17	13	17	17	17	834	834	1,902,753	1,902,753	1	1,902,753	1	1,902,753	1	1,902,753
21	A. E. Valeri	16	16	11	16	2	14	390	390	1,688,826	1,688,826	1	1,688,826	1	1,688,826	1	1,688,826
22	Herbert Strum	24	24	11	24	24	24	231	231	1,101,888	1,101,888	1	1,101,888	1	1,101,888	1	1,101,888
23	William Cherry	18	18	11	18	18	18	456	456	3,782,727	3,782,727	2	3,782,727	2	3,782,727	2	1,891,363
24	C. F. Spelman	17	17	11	17	17	17	478	478	1,848,909	1,848,909	2	1,848,909	2	1,848,909	2	924,454
25	J. A. King	52	12	8	12	12	12	291	291	1,499,266	1,499,266	1	1,499,266	1	1,499,266	1	1,499,266
26	E. R. Leighty	29	17	11	29	29	29	306	306	1,765,180	1,765,180	1	1,765,180	1	1,765,180	1	1,765,180
27	E. C. Pirman	27	17	11	27	27	27	882	882	4,412,536	4,412,536	1	4,412,536	1	4,412,536	1	4,412,536
28	G. F. Woody	42	42	13	42	42	42	661	661	3,390,007	3,390,007	1	3,390,007	1	3,390,007	1	3,390,007
29	Matthew Zvonars	50	50	121	50	50	50	118	118	22,969	22,969	1	22,969	1	22,969	1	22,969
30	Division Total	6204	279	109##	691	53	1,023	94	185	18,689	4,132	56,055,003	21,652,731	477,302	78,185,036	25	3,127,401

\* Chief Mine Inspector

\*\*\* Includes 32 coke employees.

# Due to some companies operating in more than one District, the actual number of operators is 1,098.

## Including 272 companies operating strip and auger mines.

### Included in total number of deep mines.

BITUMINOUS COAL DIVISION  
PRODUCTION OF COAL, EMPLOYES AND FATALS BY COUNTY  
1969

County	Deep Mined Production	Strip Mined Production	Auger Mined Production	Total Production	Deep Employees*	Strip Employees	Auger Employees	Total Employees	Fa- tals	Production Per Fatal	Total No. of Mines
Allegheny	4,102,408	705,093	-	4,807,501	1,187	109	-	1,296	-	-	21
Armstrong	5,888,019	1,403,209	99,086	7,390,314	1,351	267	21	1,639	2	3,695,157	79
Beaver	176,741	66,492	29,598	266,831	53	25	6	84	-	-	7
Bedford	4,135	12,500	-	16,635	10	7	-	17	-	-	7
Blair	2,212	-	-	2,212	6	-	-	6	-	-	1
Bradford	300	-	-	300	2	-	-	2	-	-	1
Butler	970,191	1,015,113	28,940	2,014,244	270	199	6	475	2	1,007,137	43
Cambria	6,264,862	808,358	4,685	7,077,905	2,979	171	4	3,154	4	1,769,476	78
Cameron	-	-	-	-	-	-	-	-	-	-	-
Centre	505,099	545,952	-	1,051,051	170	113	-	283	1	1,051,051	26
Clarion	3,782,727	3,782,727	-	7,565,454	114	456	-	570	2	1,891,363	71
Clearfield	1,464,283	4,361,813	50,723	5,876,819	564	882	19	1,465	1	5,876,819	160
Clinton	-	550,808	-	550,808	9	81	-	90	-	-	17
Elk	45,039	250,226	72,521	367,786	32	47	18	97	-	-	21
Payette	840,662	545,415	1,300	1,387,377	655	155	3	813	1	1,387,377	53
Fulton	-	7,200	-	7,200	-	2	-	2	-	-	1
Greene	11,379,923	78,535	-	11,458,458	3,472	18	-	3,490	1	11,458,458	24
Huntingdon	323	2,350	-	2,673	2	5	-	7	-	-	2
Indiana	6,900,400	1,053,478	67,981	8,021,859	2,235	219	18	2,472	1	8,021,859	83
Jefferson	311,638	1,044,763	59,532	1,415,933	184	233	24	441	1	-	62
Lawrence	-	895,457	3,281	898,738	5	216	3	224	1	898,738	25
Lycoming	-	49,598	-	49,598	2	9	-	11	-	-	4
McKean	-	-	-	-	-	-	-	-	-	-	-
Mercer	-	183,512	-	183,512	10	33	-	43	-	-	4
Somerset	1,421,989	2,559,599	52,190	4,033,778	699	479	13	1,191	3	1,344,593	137
Tioga	-	618,822	-	618,822	16	103	-	119	-	-	7
Venango	-	549,365	-	549,365	10	116	-	126	-	-	14
Washington	13,357,442	396,795	7,465	13,761,402	3,960	122	13	4,115	5	2,752,280	36
Westmoreland	2,419,637	171,521	-	2,591,158	672	65	-	737	1	2,591,158	36
Division Total	56,055,003	21,552,731	477,302	78,185,036	18,689	4,132	148	22,969	25	3,127,401	1,023

\* Includes Cleaning Plant and Tipple Employees.

SUMMARY BY DISTRICTS  
BITUMINOUS COAL DIVISION -- 1969

Dis- trict	Production of coal and coke - net tons										Total produc- tion of coke	Average days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market		By truck	By locally for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke							
1	1,649,538	-	73,317	-	-	-	1,722,855	-	1,722,855	213	573	1	17		
2	-	-	194,289	-	-	-	194,289	-	194,289	230	41	-	-		
3	-	5,070,008	-	1,749	-	3,068	5,074,828	-	5,074,828	228	1,808	-	25		
4	-	2,474,183	-	530	-	86	2,516,044	-	2,516,044	242	598	-	19		
5	1,761,311	-	44,245	-	156	-	3,113,828	-	3,113,828	239	866	-	8		
6	2,460,112	-	197,325	-	3,356	-	5,793,567	-	5,793,567	232	1,100	3	19		
7	3,355,976	-	1,102,268	-	11,936	-	5,658,409	-	5,658,409	244	2,055	2	20		
8	4,118,407	-	63,326	-	641	-	4,131,266	-	4,131,266	250	1,636	-	38		
9	277,867	-	597,937	-	2,436	-	878,240	-	878,240	240	1,416	-	15		
10	459,194	3,310,434(a)	19,889	-	3,946	-	4,009,116	-	4,009,116	226	980	1	125		
11	674,685	-	1,006,796	-	3,798	-	2,685,279	-	2,685,279	238	324	-	24		
12	2,449,861	-	252,467	-	9,570	-	2,409,147	-	2,409,147	239	659	1	23		
13	1,116,118	-	-	-	7,009	-	2,560,449	-	2,560,449	241	954	2	26		
14	-	2,546,661	-	32,870	-	33	1,156,030	-	1,156,030	178	384	-	27		
15	-	-	1,660,226	-	-	-	1,660,226	-	1,660,226	208	594	-	46		
16	523,063	-	338,872	-	8,899	-	2,432,343	-	2,432,343	218	871	1	93		
17	1,128,219	-	71,011	-	3,750	-	1,203,010	-	1,203,010	218	531	2	40		
18	2,333,057	-	-	-	133,251	-	3,066,730	-	3,066,730	247	950	1	123		
19	1,250,777	-	700	-	9,017	-	1,262,685	-	1,262,685	246	670	-	40		
20	615,756	-	395,981	-	10,415	-	1,022,162	-	1,022,162	233	562	2	16		
21	1,375,565	-	192,247	-	3,293	-	1,571,315	-	1,571,315	243	729	3	31		
22	574,990	-	238,173	-	67,352	-	880,515	-	880,515	208	396	1	28		
23	47,111	-	80,401	-	2,435	-	129,947	-	129,947	214	128	-	1		
24	1,767,816	-	122,606	-	12,320	-	1,902,753	-	1,902,753	239	834	-	71		
25	251,198	-	1,463,496	-	6,871	-	1,721,705	-	1,721,705	223	399	-	12		
26	162,717	-	946,591	-	24	-	1,409,353	-	1,409,353	186	244	-	4		
27	2,375,549	-	1,406,477	-	556	-	3,782,727	-	3,782,727	277	456	2	21		
28	727,229	-	1,515,451	-	145	-	2,474,154	-	2,474,154	175	481	2	9		
29	1,023,104	131,609	690,165	-	31,164	-	1,918,230	-	1,918,230	207	478	-	4		
30	1,006,215	-	462,120	-	30,451	-	1,499,266	-	1,499,266	199	334	-	8		
31	544,732	-	1,194,983	-	5,465	-	1,765,180	-	1,765,180	252	306	1	4		
32	2,467,023	-	1,911,471	-	4,042	-	4,442,536	-	4,442,536	253	901	-	27		
33	2,476,694	-	928,756	-	39,427	-	3,446,882	-	3,446,882	213	681	-	11		
TOTAL	35,194,333	24,818,664	17,234,489	609,100	18,275	310,175	78,185,036	255,254	78,185,036	233	22,969	25	975		

NOTE: (a) This coal was shipped by conveyor belt.

BITUMINOUS COAL DIVISION  
 SMALL MINE REPORT - 1969\*

District	No. of Small Mine Operators	No. of Small Mines	No. of Men Employed in Small Mines	Small Mine Production	Fatal Acci- dents	Non- fatal Acci- dents	No. of Man-Days
1	4	4	16	14,155	-	-	2,941
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	4	4	8	6,494	-	-	1,122
5	-	-	-	-	-	-	-
6	2	2	2	234	-	-	90
7	2	2	6	3,150	-	-	1,044
8	-	-	-	-	-	-	-
9	8	8	26	49,959	-	2	4,458
10	2	2	6	3,946	-	-	830
11	6	6	22	24,115	-	2	3,309
12	5	5	15	8,300	-	-	2,038
13	6	6	14	3,895	-	-	1,506
14	6	6	15	7,148	-	-	1,506
15	1	1	3	4,859	-	-	810
16	2	3	6	2,798	-	-	1,120
17	4	4	9	13,329	-	-	1,415
18	8	8	22	10,582	-	-	3,353
19	-	-	-	-	-	-	-
20	4	4	13	5,148	-	-	1,401
21	4	4	13	5,766	-	-	1,362
22	18	18	49	51,244	-	1	6,806
23	13	13	29	19,190	-	-	3,452
24	9	9	22	14,321	-	-	3,404
TOTAL	108	109	296	248,633	-	5	41,967

\* All figures included in report of Summary of Bituminous Mines, Production and Fatalities By District.



SUMMARY OF EMPLOYES BY DISTRICT  
BITUMINOUS COAL DIVISION - 1969

Dis- trict	Inside Employees										Outside Employees										Total		
	Hand Loaded Mining					General Employees					Supt's & Foremen & Clerks					Coke						Total	
	Shot Fires	Pick Miners	Cutting Machine Operators	Machine Loading	Hand Loading	Mine Officials	General Transpor- tation	All Others	Total Inside	Total Outside	Supt's Clerks	Foremen	All Others	Coke	Total Outside								
1	-	-	3	7	201	41	24	115	391	37	-	-	-	-	145	573	-	-	-	-	-	-	-
2	-	-	-	-	25	4	-	2	31	4	62	-	-	-	10	141	-	-	-	-	-	-	-
3	-	-	-	-	717	149	123	491	1,480	-	266	-	-	-	6	328	-	-	-	-	-	-	-
4	-	-	5	2	219	51	21	181	479	37	37	-	-	-	82	598	-	-	-	-	-	-	-
5	-	-	-	-	285	284	78	732	1,341	32	32	-	-	-	102	1,341	-	-	-	-	-	-	-
6	-	2	-	-	463	95	82	337	979	20	20	-	-	-	101	1,100	-	-	-	-	-	-	-
7	-	-	3	8	611	156	171	739	1,688	95	95	-	-	-	272	2,055	-	-	-	-	-	-	-
8	-	-	-	-	521	143	102	470	1,236	48	48	-	-	-	352	1,636	-	-	-	-	-	-	-
9	5	2	7	9	132	25	5	34	219	33	33	-	-	-	194	446	-	-	-	-	-	-	-
10	-	-	-	6	587	100	16	148	857	26	26	-	-	-	65	980	-	-	-	-	-	-	-
11	-	-	1	4	191	32	3	29	260	44	44	-	-	-	64	324	-	-	-	-	-	-	-
12	-	3	7	12	228	69	69	135	527	25	25	-	-	-	107	659	-	-	-	-	-	-	-
13	-	32	-	-	244	77	65	285	703	28	28	-	-	-	223	954	-	-	-	-	-	-	-
14	-	-	10	-	169	31	17	22	271	34	34	-	-	-	79	384	-	-	-	-	-	-	-
15	-	-	1	2	292	59	41	58	453	34	34	-	-	-	68	594	-	-	-	-	-	-	-
16	-	-	2	8	410	80	38	177	715	75	75	-	-	-	81	871	-	-	-	-	-	-	-
17	3	-	12	2	217	37	13	52	336	31	31	-	-	-	164	531	-	-	-	-	-	-	-
18	-	2	8	10	465	42	90	138	755	13	13	-	-	-	182	950	-	-	-	-	-	-	-
19	-	-	-	-	255	69	112	158	594	20	20	-	-	-	56	670	-	-	-	-	-	-	-
20	-	-	6	-	269	63	27	94	471	15	15	-	-	-	76	562	-	-	-	-	-	-	-
21	6	9	8	11	305	72	42	125	578	41	41	-	-	-	110	729	-	-	-	-	-	-	-
22	-	10	4	79	164	26	12	6	301	10	10	-	-	-	85	396	-	-	-	-	-	-	-
23	-	17	3	14	23	8	2	-	67	22	22	-	-	-	39	128	-	-	-	-	-	-	-
24	-	19	3	20	327	76	82	114	641	28	28	-	-	-	165	834	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	65	65	-	-	-	334	399	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	41	41	-	-	-	203	244	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	68	68	-	-	-	388	456	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	83	83	-	-	-	398	481	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	76	76	-	-	-	402	478	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	72	72	-	-	-	262	334	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	40	40	-	-	-	266	306	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	105	105	-	-	-	796	901	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	109	109	-	-	-	572	681	-	-	-	-	-	-	-
TOTAL	18	96	83	228	7,320	1,590	1,235	4,194	14,764	71	1,449	-	-	-	6,685	8,205	-	-	-	-	-	-	-
																							22,969

## BITUMINOUS COAL DIVISION

OPERATORS PRODUCING OVER 375,000 TONS OF DEEP MINED COAL DURING 1969

<u>District</u>	<u>Operator</u>	<u>Deep Production</u>	<u>Deep Employees</u>
7-19-20-21-24	Bethlehem Mines Corporation	6,158,216	2,811
3-7-13	United States Steel Corporation	5,907,799	2,229
5-6-12	Pittsburgh Coal Company, Division of Consolidation Coal Company	4,983,634	962
18-24	Barnes & Tucker Coal Company	3,725,698	1,099
1-5-8-12	Republic Steel Corporation	3,545,961	1,133
10-15	Rochester & Pittsburgh Coal Company	3,310,434	651
8-13	Jones & Laughlin Steel Corporation	2,938,514	1,196
4-5	Duquesne Light Company	2,670,092	593
6	Mathies Coal Company	2,276,063	468
8	Gateway Coal Company	2,049,294	580
3	The Buckeye Coal Company	1,394,200	387
5	Harmar Coal Company	1,216,793	360
12-19	Eastern Associated Coal Corporation	1,073,421	450
16	Helvetia Coal Company	956,252	177
21	Bird Coal Company	850,980	393
13	National Mines Corporation	811,088	265
11	Canterbury Coal Company	790,166	131
11	Leechburg Mining Company	607,126	98
15-16	The Florence Mining Company	604,443	306
17	Rushton Mining Company	495,909	123
1	Union Carbide Corporation, Mining & Metals Division	475,553	91
16	Tunnelton Mining Company	438,299	114
10	Allegheny River Mining Company	434,793	224
15-16	The North American Coal Corporation	385,718	201

## BITUMINOUS COAL DIVISION

OPERATORS PRODUCING OVER 200,000 TONS OF STRIP MINED COAL DURING 1969

District	Operator	Strip Production	Strip Emploees
27-33	C. & K. Coal Company	1,541,605	113
29-32	Benjamin Coal Company	903,860	128
32	Bradford Coal Company, Inc.	725,296	109
31	Jones & Brague Mining Company	618,822	103
33	P.B.S. Coals, Inc.	492,655	69
27-28	Allison Engineering Company	469,926	75
26	Aloe Coal Company	413,371	47
32-33	Kristianson & Johnson Coal Company	406,072	86
29-30	P. & N. Coal Company, Inc.	387,864	107
31-32	R. S. Carlin, Inc.	374,197	50
32	Shawville Coal Company, Inc.	341,860	70
33	Sanner Brothers Coal Company	321,077	26
29-33	North Cambria Fuel Company	286,750	38
27	A. P. Weaver & Sons	286,557	32
32	River Hill Coal Company, Inc.	285,876	63
27-30	W. P. Stahlman Coal Company, Inc.	284,170	53
27	G. A. Stiles Company	277,951	31
25-27	Zacherl Coal Company, Inc.	276,959	45
33	Cooney Brothers Coal Company	260,110	50
28	B. & G. Construction Company, Inc.	257,340	19
31	Kettle Creek Corporation	247,464	32
25	Ambrosia Coal & Construction Company	235,563	35
26	Pennweir Construction Company	222,789	58
33	M. F. Fetterolf Coal Company, Inc.	209,316	44
28-30	R. D. Baughman Coal Company, Inc.	206,552	46
28	Kerry Coal Company	201,382	24

## CAUSES OF BITUMINOUS FATAL ACCIDENTS BY COUNTY -- 1969

County	: : Roof : Falls	Elec- tricity (Inside)	Trans- portation (Inside)	Machinery (Inside)	Miscel- laneous (Inside)	Trans- portation (Outside)	: : Stripping: : To
Allegheny	-	-	-	-	-	-	-
Armstrong	-	-	-	1	-	-	1
Beaver	-	-	-	-	-	-	-
Bedford	-	-	-	-	-	-	-
Blair	-	-	-	-	-	-	-
Bradford	-	-	-	-	-	-	-
Butler	1	-	-	-	-	-	1
Cambria	2	1	-	-	-	1	-
Cameron	-	-	-	-	-	-	-
Centre	1	-	-	-	-	-	-
Clarion	-	-	-	-	-	-	2
Clearfield	-	-	-	-	-	1	-
Clinton	-	-	-	-	-	-	-
Elk	-	-	-	-	-	-	-
Fayette	1	-	-	-	-	-	-
Fulton	-	-	-	-	-	-	-
Greene	1	-	-	-	-	-	-
Huntingdon	-	-	-	-	-	-	-
Indiana	-	-	-	-	1	-	-
Jefferson	-	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-
McKean	-	-	-	-	-	-	-
Mercer	-	-	-	-	-	-	-
Somerset	2	1	-	-	-	-	-
Tioga	-	-	-	-	-	-	1
Venango	-	-	-	-	-	-	-
Washington	2	-	2	1	-	-	-
Westmoreland	-	-	-	1	-	-	-
Total	10	2	2	3	1	2	5

## BITUMINOUS FATAL ACCIDENT VICTIMS - 1969

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
27	James W. Siegel	Tionesta	Harold A. Siegel Coal Co.	Strip Permit No. 8-5	Jan. 1	Stripping (Fire)
7	John Paul Canon, Jr.	Lamberton	United States Steel Corp.	Maple Creek	Jan. 2	Cars (Inside)
27	Donald Gay	East Brady	C. & K. Coal Co.	Strip Permit No. 4-53	Jan. 7	Stripping (Machinery)
10	John Lovich	Kittanning	Allegheny River Mining Co.	Cadogan	Jan. 14	Machinery (Inside)
13	Joseph Martina	California	Jones & Laughlin Steel Corp.	Shamokin	Jan. 27	Fall of Roof
12	Nick Brosick	California	Republic Steel Corp.	Banning No. 4	Feb. 20	Machinery (Inside)
1	Clarence R. Martin	Chicora	Dorchon Pennsylvania, Inc.	J.V.N. Mine	Feb. 26	Fall of Roof
31	David C. Bower	Covington	Jones & Bragne Coal Co.	Strip Permit No. 7-3	Feb. 27	Stripping (Machinery)
20	Clarence W. Watson	Nanty Glo	Bethlehem Mines Corp.	No. 31 Mine	Mar. 13	Fall of Roof
13	Edward Manchias, Jr.	Allison	National Mines Corp.	Isabella	Mar. 21	Fall of Roof
18	Vernon Blair Rummel	Cherry Tree R.D. 1	Hepburnia Coal Co.	Garmon Tipple	Apr. 7	Cars (Outside)
21	Andrew Gsarak	Johnstown	Bird Coal Co.	Bird No. 2	June 27	Fall of Roof
25	Robert W. Kerry	Portersville	Kerry Coal Co.	Strip Permit No. 41-16	July 7	Stripping (Machinery)
20	Stephen Kovach	Vintondale	Bethlehem Mines Corp.	No. 31 Mine	July 24	Fall of Roof
22	Robert O. Carlson, Jr.	Istie	Solar Fuel Co.	Solar No. 4	July 25	Electricity (Inside)
21	Andrew Kosinko	Windber	Dalton Run Coal Co.	Dalton Run No. 3	Aug. 7	Electricity (Inside)
17	Ronald Sheridan Kinsman	Clearfield	Rushton Mining Co.	Rushton	Aug. 13	Fall of Roof
17	Oscar Ricketts, Jr.	Coalport R.D. 1	Empire Coal Co.	Cammos No. 1	Sep. 3	Cars (Outside)
6	George A. Carter	Hickory R. D. 1	Pittsburgh Coal Co.	Westland	Sep. 10	Fall of Roof
6	Thomas Shaynak	Cammonsburg	Pittsburgh Coal Co.	Westland	Sep. 10	Fall of Roof
7	Adam Petrisek	Bentleyville	Bethlehem Mines Corp.	Marianna No. 58	Sep. 18	Machinery (Inside)
21	John Wojnarowski	Boswell	Bird Coal Co.	Bird No. 2	Oct. 10	Fall of Roof
6	Edwin Eugene Ringer	Westland	Pittsburgh Coal Co.	Westland	Nov. 6	Cars (Inside)
28	Jay R. Bowser	Kittanning	L. & E. Const. & Equip. Co., Inc.	Kittanning	Dec. 4	Stripping -
16	Donald Harry Dies	Rual Valley	Helen Mining Co.	Ebensburg	Dec. 5	Fall of Material
			(Williamson Shaft & Slope Co., Contractor)			Miscellaneous - (Inside)

BITUMINOUS COAL DIVISION  
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1884 -- 1969

Date	Mine	Operator	Location of Mine	Falls of roof	Suf- foca- tion	Mine cars	Explo- sions of gas cars and dust	Explo- sions of dust	Explo- sives	Mine fires	Falling down shafts
1884, Feb. 20	West Leisenring	Connellsville Coke & Iron Co.	West Leisenring	-	-	-	19	-	-	-	-
1884, Oct. 27	Youngtown	Youngtown Coke Co., Ltd.	Uniontown	-	-	-	14	-	-	-	-
1888, Nov. 3	Kettle Creek	Kettle Creek Coal Co.	(near) Cook's Run	-	-	-	17	-	-	-	-
1890, June 16	Hill Farm	Dunbar Furnace Co.	Dunbar	-	-	-	-	-	-	31	-
1891, Jan. 27	Mammoth	H. C. Frick Coke Co.	Mount Pleasant	-	-	-	109	-	-	-	-
1896, Mar. 27	Berwind	Berwind-White Coal Mining Co.	DuBois	-	-	-	13	-	-	-	-
1898, Sep. 23	Umpire	Umpire Coal Co.	Brownsville	-	-	-	8	-	-	-	-
1898, July 24	Grindstone	Redstone Oil, Coal & Coke Co.	Grindstone	-	-	-	5	-	-	-	-
1899, Dec. 23	Sumner	Pittsburgh & Erie Coal Co.	Sumner	-	-	-	19	-	-	-	-
1901, June 10	Port Royal No. 2	Pittsburgh Coal Co.	Port Royal	-	-	-	19	-	-	-	-
1902, Mar. 6	Catsburg	Monongahela River Consolidated Coal & Coke Co.	Monongahela	-	-	-	5	-	-	-	-
1902, July 10	Rolling Mill	Cambria Steel Co.	Johnstown	-	-	-	112	-	-	-	-
1903, Nov. 21	Ferguson	Dunbar Furnace Co.	Connellsville	-	-	-	17	-	-	-	-
1904, Jan. 25	Harwick	Allegheny Coal Co.	Cheswick	-	-	-	179	-	-	-	-
1905, Apr. 27	Eleanora Shaft	Rochester & Pittsburgh Coal Co.	DuBois	-	-	-	13	-	-	-	-
1905, July 6	Fuller	Taylor Coke Co.	Searight	-	-	-	6	-	-	-	-
1905, Oct. 13	Clyde	Clyde Coal Co.	Fredericktown	-	-	-	-	-	6	-	-
1905, Oct. 29	Hazel Kirk No. 2	Pittsburgh & Westmd. Coal Co.	Monongahela	-	-	-	5	-	-	-	-
1905, Nov. 15	Braznell	Braznell Coal Co.	Bentleyville	-	-	-	6	-	-	-	-
1906, Oct. 24	Rolling Mill	Cambria Shaft Coal Co.	Johnstown	-	-	-	7	-	-	-	-
1907, Aug. 17	Soman Shaft	Soman Shaft Coal Co.	Soman	-	-	-	-	-	-	-	5
1907, Dec. 1	Naomi	United Coal Co.	Fayette City	-	-	-	34	-	-	-	-
1907, Dec. 19	Darr	Pittsburgh Coal Co.	Jacobs Creek	-	-	-	239	-	-	-	-
1908, Nov. 28	Rachel and Agnes	Pittsburgh-Buffalo Co.	Marianna	-	-	-	154	-	-	-	-
1909, Jan. 25	Orenda	Merchants Coal Co.	Boswell	-	-	-	5	-	-	-	-
1909, Apr. 9	Eureka No. 37 Upper	Berwind-White Coal Mining Co.	Windber	-	-	-	-	7	-	-	-
1909, June 23	Lackawanna No. 4	Lackawanna Coal & Coke Co.	Wehrum	-	-	-	21	-	-	-	-
1909, Oct. 31	Franklin No. 2	Cambria Steel Co.	Johnstown	-	-	-	13	-	-	-	-
1910, Feb. 5	Ernest No. 2	Jefferson & Clearfield Coal & Iron Co.	Ernest	-	-	-	11	-	-	-	-
1911, Mar. 22	Hazel	Pittsburgh-Buffalo Co.	East Canonsburg	-	-	-	-	-	-	-	-
1911, July 15	Sykesville Shaft	Cascade Coal & Coke Co.	Sykesville	9	-	-	21	-	-	-	-
1911, Nov. 9	Adrian No. 1	Rochester & Pittsburgh Coal Co.	Punkstamney	-	-	-	8	-	-	-	-
1913, Apr. 23	Cincinnati	Monongahela River Consolidated Coal & Coke Co.	Finleyville	-	-	-	97	-	-	-	-
1915, May 24	Snokeless No. 1	Snokeless Coal Co.	Johnstown	-	-	-	9	-	-	-	-



Date	Mine	Operator	Location of Mine	Falls of roof	Suffocation	Mine cars	Explosions of gas and dust	Explosions of dust	Explosives	Mine fires	Falling down shafts
1915, July 30	Paterson No. 2	United Coal Co.	Elizabeth	-	-	91	-	-	-	-	-
1915, Aug. 31	Orenda No. 2	Merchants Coal Co.	Boswell	-	-	-	-	-	-	-	-
1916, Feb. 11	Ernest No. 2	Jefferson & Clearfield Coal & Iron Company	Ernest	-	-	-	19	-	-	-	-
1916, Mar. 30	Robindale	Conemaugh Smokeless Coal Co.	Robindale	-	-	-	27	-	-	-	-
1917, Mar. 13	Henderson No. 1	Henderson Coal Co.	Montour	-	-	-	14	-	-	-	-
1918, Aug. 7	Hamar	Consumers Mining Co.	Hamarville	-	-	-	8	-	-	-	-
1920, June	Ontario	Ontario Gas Coal Co.	Cokeburg	-	-	-	62	-	-	-	-
1920, July 19	Renton No. 3	Union Collieries Co.	Renton	-	-	-	9	-	-	-	-
1920, Aug. 9	Maryland Shaft	Maryland Coal Co. of Penna.	St. Michael	-	-	6	-	-	-	-	-
1922, Feb. 2	Gates	H. C. Frick Coke Co.	Masontown	-	-	-	25	-	-	-	-
1922, Mar. 20	Dilltown No. 1	Dilltown Smokeless Coal Co.	Dilltown	-	-	-	5	-	-	-	-
1922, Nov. 6	Reilly No. 1	Joseph H. Reilly Coal Co.	Spangler	-	-	-	77	-	-	-	-
1924, Jan. 26	Lancashire No. 18	Lancashire Coal Co.	Starford	-	-	-	36	-	-	-	-
1924, July 25	Gates No. 1	H. C. Frick Coke Co.	Masontown	-	-	-	10	-	-	-	-
1925, Apr. 26	Hutchinson	Westmoreland Coal Co.	Masontown	-	-	-	5	-	-	-	-
1926, Feb. 3	Pittsburgh Terminal No. 1	Pittsburgh Terminal Co.	Homing	-	-	-	20	-	-	-	-
1926, Aug. 26	Clymer No. 1	Clearfield Bituminous Coal Corp.	Clymer	-	-	-	44	-	-	-	-
1927, Apr. 2	Mine No. 53	Ellsworth Collieries Co.	Cokeburg	-	-	-	6	-	-	-	-
1928, Feb. 20	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	123	-	-	-	-
1928, May 19	Mather Collieries	Pickands, Mather & Co.	Mather	-	-	-	194	-	-	-	-
1928, Aug. 15	Hillside	Tunnell Smokeless Coal Co.	Johnstown	-	-	-	5	-	-	-	-
1928, Aug. 15	Irwona No. 3	Irwona Coal & Coke Co.	Coalport	-	-	-	13	-	-	-	-
1929, Mar. 21	Kinloch	Valley Camp Coal Co.	Parnassus	-	-	-	7	-	-	-	-
1933, Sept. 11	Oakmont	Hillman Coal & Coke Co.	Barking	-	-	-	9	-	-	-	-
1937, Mar. 28	Kramer	Northwestern Mfg. & Exchange Co.	DuBois	-	-	-	10	-	-	-	-
1938, Jan. 12	Harwick	Harwick Coal & Coke Co.	Harwick	-	-	-	63	-	-	-	-
1940, July 15	Sonman E.	Sonman Shaft Coal Co.	Portage	-	-	-	7	-	-	-	-
1941, June 30	Kent No. 2	Rochester & Pittsburgh Coal Co.	McIntyre	-	-	-	-	-	-	-	-
1944, June 7	Emerald	Emerald Coal & Coke Co.	Clarksville	-	-	-	-	-	-	-	-
1945, Mar. 12	Crucible	Crucible Steel Co. of America	Crucible	5	-	-	-	-	-	-	-
1952, Feb. 2	Carpentertown	Carpentertown Coal & Coke Co.	Carpentertown	-	-	-	6	-	-	-	-
1957, Sept. 23	Marianna No. 58	Bethlehem Mines Corp.	Marianna	-	-	-	6	-	-	-	-
1962, Dec. 6	Robena No. 3	United States Steel Corp.	Garads Fort	-	-	-	37	-	-	-	-
1966, June 1	Dora No. 2	Doverspike Bros. Coal Co., Inc.	Dora	-	5	-	-	-	-	-	-

NOTE: July 24, 1912, 18 persons drowned by flooding of Superba No. 2, Superba Coal company, and Lement No. 1, H. C. Frick Coke Company, mines near Uniontown, caused by cloudburst.

1. Seven men were railroad employees.

2. Explosion of gas in air shaft--sinking operations.

3. Two men were employees of the adjoining Boyd mine and were killed by afterdamp from this explosion. Boyd mine, operated by W. H. Boyd Coal Company, is not under the law.

BITUMINOUS COAL DIVISION  
COUNTY--DISTRICT CROSS REFERENCE LIST

1969

County	Mine Inspection District
Allegheny	1, 5, 6, 11, 26
Armstrong	2, 10, 11, 14, 28, 30
Beaver	1, 6, 25
Bedford	22, 33
Blair	24
Bradford	17
Butler	1, 28
Cambria	17, 18, 19, 20, 21, 24, 33
Centre	17, 31
Clarion	9, 27
Clearfield	9, 17, 32
Clinton	17, 31
Elk	9, 30
Fayette	8, 13, 29
Fulton	33
Greene	3, 4, 8, 13, 29
Huntingdon	22, 33
Indiana	14, 15, 16, 18, 29
Jefferson	9, 14, 30
Lawrence	1, 25
Lycoming	17, 31
Mercer	1, 25
Somerset	21, 22, 23, 33
Tioga	17, 31
Venango	1, 25
Washington	6, 7, 8, 26
Westmoreland	11, 12, 23, 29

## Thirty-Three Year Study Of The Bituminous Coal Division By County \*

YEAR	ALTOBERRY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERTA	CENTRE	CLARTON
1925	11,644,959	3,126,898	80,006	452,286	298,051	9,184	1,945,287	16,856,181	918,112	1,462,529
1931	14,313,611	2,796,574	65,717	357,301	247,834	5,287	651,091	12,993,722	557,338	1,103,168
1935	13,875,787	2,269,119	63,724	396,090	205,811	23,204	659,215	12,481,977	434,178	1,191,042
1940	15,068,015	2,407,286	97,819	388,939	176,132	-	607,624	16,361,261	520,829	1,026,742
1941	16,115,371	4,744,292	183,932	474,292	183,932	-	1,046,186	18,532,935	853,406	2,131,335
1942	17,822,560	5,584,761	580,655	631,962	180,162	-	1,128,746	20,134,793	1,122,902	3,134,124
1943	17,809,317	5,261,170	405,718	628,412	114,191	-	1,110,613	18,580,712	956,160	3,180,638
1944	18,511,295	5,535,746	340,480	738,841	112,293	4,026	1,183,272	18,506,169	1,211,242	3,297,021
1945	17,551,673	6,442,928	247,206	732,797	128,407	-	1,255,504	15,941,530	1,200,115	3,188,576
1946	15,552,180	4,948,409	229,637	615,534	166,284	-	1,575,328	11,702,181	1,447,351	2,833,089
1947	18,694,593	134,556	950,153	950,153	234,106	5,255	2,231,896	17,070,484	1,474,594	3,447,620
1948	15,328,797	127,797	887,036	887,036	298,591	-	1,884,965	15,458,368	1,502,272	3,308,746
1949	10,406,079	331,041	323,887	331,041	7,356	1,356	1,612,112	10,767,059	973,312	2,850,897
1950	11,939,721	4,260,906	426,752	296,112	365,561	11,902	2,744,579	12,448,696	974,963	3,123,537
1951	12,033,652	4,250,154	442,118	271,377	248,175	7,240	2,156,517	13,600,973	985,554	2,533,890
1952	8,230,420	3,282,566	445,807	206,764	208,099	7,538	1,863,063	12,072,089	1,009,024	2,231,809
1953	8,402,859	3,032,509	446,156	125,310	153,258	9,301	1,999,922	11,753,135	965,155	2,080,935
1954	6,495,094	2,030,826	433,611	44,889	166,117	5,661	1,565,777	8,995,516	909,411	1,979,395
1955	7,397,643	1,940,028	513,518	115,182	200,143	3,158	1,942,912	10,725,515	1,174,981	2,339,604
1956	7,673,466	2,329,451	385,917	169,548	169,959	4,650	1,932,386	10,833,862	1,416,671	3,055,966
1957	6,920,299	2,249,350	344,911	164,590	59,329	10,871	1,947,166	10,532,976	1,073,493	2,823,921
1958	4,975,229	2,325,735	224,856	172,576	121,472	-	2,047,158	8,164,992	648,930	2,768,283
1959	4,769,780	2,662,867	259,607	176,447	79,311	6,798	1,862,372	7,250,476	741,122	3,074,851
1960	5,218,357	2,850,370	371,621	197,011	75,430	7,651	1,976,562	6,701,765	703,016	2,822,224
1961	4,766,371	3,057,094	401,357	240,027	52,459	9,420	2,046,049	6,049,334	821,078	2,953,478
1962	4,831,345	3,496,742	558,300	359,687	66,944	20,536	2,126,391	5,899,895	781,056	3,430,575
1963	4,411,892	4,221,276	374,384	318,086	13,472	25,331	1,829,844	6,971,829	831,551	3,671,092
1964	4,832,778	4,189,313	293,632	293,632	11,243	14,500	1,833,007	8,759,346	599,635	3,604,045
1965	4,821,229	4,796,855	418,943	320,100	5,564	19,616	2,159,068	8,944,538	586,908	3,168,001
1966	4,954,905	5,390,167	301,027	287,048	76,542	12,933	2,188,593	8,122,954	789,306	3,304,771
1967	4,809,304	5,037,077	158,869	165,688	4,529	42	1,875,675	7,766,745	730,720	2,811,133
1968	5,118,650	6,660,871	120,060	85,755	3,037	100	1,787,277	7,797,236	709,003	2,891,176
1969	4,807,501	7,390,314	266,831	16,635	2,212	300	2,014,274	7,077,905	1,051,051	3,782,727
1975	16,406	4,952	117	1,079	531	25	2,543	21,568	1,556	2,324
1931	13,638	3,926	119	727	590	12	1,484	18,259	1,256	1,428
1935	16,057	3,940	202	876	525	26	1,272	20,205	1,994	2,184
1940	12,350	4,071	246	694	441	-	1,170	20,708	1,033	1,406
1941	13,648	4,603	542	843	321	-	1,218	28,091	1,484	1,702
1942	12,261	4,171	509	771	244	-	1,041	18,576	1,237	1,752

Total  
Production  
(net tons)

Employees

YEAR	ALLIHOHNY	ARNSTFONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMERIA	CENTRE	CLARTON
1941	10,316	3,600	290	877	135	13	915	15,009	984	1,700
1945	10,184	4,577	218	697	135	-	965	14,602	967	1,525
1946	10,773	3,973	252	764	173	-	1,259	16,168	1,166	1,673
1947	11,112	4,411	309	1,012	182	6	1,438	16,655	1,106	1,742
1948	11,065	4,473	287	909	221	-	1,211	16,626	1,060	1,918
1949	9,887	3,758	231	623	244	4	1,001	15,627	979	1,790
1950	9,343	3,552	217	490	212	7	1,351	13,970	763	1,862
1951	8,554	2,888	239	367	169	7	1,216	13,275	691	1,175
1952	7,184	2,078	191	327	168	5	1,044	12,172	590	975
1953	5,816	1,969	196	271	136	6	968	10,913	505	790
1954	4,496	1,658	255	112	139	4	826	9,057	460	914
1955	4,004	1,324	250	188	200	5	8,619	8,563	541	857
1956	4,059	1,399	255	231	165	3	759	8,369	468	916
1957	3,669	1,407	213	244	67	-	767	7,360	451	912
1958	2,984	1,370	119	251	77	4	804	6,360	386	838
1959	2,626	1,195	120	220	65	4	697	6,000	389	853
1960	2,602	1,204	131	187	53	4	636	4,824	311	818
1961	2,168	1,211	152	196	47	6	676	4,317	303	715
1962	1,914	1,225	112	173	48	7	570	3,805	291	758
1963	1,546	1,256	119	168	25	7	572	3,719	309	768
1964	1,458	1,316	151	132	27	8	493	3,834	241	738
1965	1,228	1,234	132	124	14	9	493	3,759	298	654
1966	1,319	1,314	84	95	53	9	419	3,588	211	472
1967	1,416	1,430	44	73	6	2	471	3,403	210	552
1968	1,384	1,424	59	40	6	2	488	3,429	189	579
1969	1,296	1,639	84	17	6	2	475	3,154	283	570
1975	167	169	209	135	185	272	225	199	167	203
1981	208	144	200	128	193	125	162	219	134	219
1985	200	134	165	158	155	256	156	175	163	174
1990	220	223	220	167	181	-	177	202	188	208
1991	222	216	234	186	209	-	225	223	202	206
1992	272	220	236	240	215	-	218	213	213	218
1993	272	265	286	264	208	-	218	260	333	256
1994	292	282	292	254	289	71	262	285	285	285
1995	264	254	251	260	278	-	256	258	242	256
1996	174	193	215	201	200	-	213	201	181	221
1997	254	210	213	142	194	133	236	155	203	198
1998	210	208	226	118	205	-	230	151	215	172
1999	163	136	230	108	161	200	192	154	151	179
1990	183	117	214	100	124	183	201	167	171	168
1991	183	117	214	100	124	183	201	167	171	168
1992	176	226	219	113	226	159	230	158	219	216
1993	222	237	205	97	191	232	210	253	214	254
1994	222	237	225	71	173	155	206	166	191	263
1995	222	188	212	63	149	177	236	153	197	262

Average  
Days  
Worked

Employees

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMERIA	CENTRE	CLARION
1955	232	209	238	147	205	65	328	208	219	240
1956	216	184	195	167	235	144	224	206	238	249
1957	206	174	202	180	213	-	217	201	231	255
1958	183	176	158	170	244	244	211	161	224	243
1959	172	186	204	185	240	215	213	151	223	259
1960	169	205	188	189	222	240	205	173	224	256
1961	173	197	231	200	227	268	209	175	234	260
1962	175	206	247	215	220	205	230	165	227	260
1963	184	210	207	203	185	224	209	188	229	268
1964	220	189	243	243	160	185	229	223	266	277
1965	218	207	224	216	145	239	271	236	199	247
1966	219	208	171	245	259	182	247	239	230	260
1967	201	209	233	212	176	50	247	228	231	261
1968	216	211	226	226	176	50	239	236	207	282
1969	239	207	227	170	184	60	218	233	224	280
1925	22	6	-	1	2	-	3	50	2	2
1931	29	5	-	3	1	-	2	31	-	-
1935	25	6	-	1	-	-	1	26	-	1
1940	21	2	-	1	-	-	-	84	-	3
1941	28	-	-	-	1	-	-	29	-	-
1942	18	5	-	1	-	-	2	29	2	2
1943	21	9	-	1	1	-	1	26	2	3
1944	18	4	-	-	-	-	4	29	1	7
1945	16	9	-	-	1	-	-	19	-	2
1946	9	7	2	-	-	-	-	15	1	-
1947	17	10	-	-	-	-	2	19	-	3
1948	19	10	-	-	-	-	-	14	2	1
1949	8	6	-	-	-	-	-	12	-	1
1950	9	5	-	-	1	-	2	14	-	1
1951	6	2	1	-	1	-	-	9	-	1
1952	1	1	-	-	-	-	2	15	-	-
1953	11	4	1	-	1	-	-	7	2	1
1954	1	-	-	-	-	-	1	6	1	-
1955	7	2	-	1	-	-	-	4	1	-
1956	7	-	-	-	-	-	-	9	-	-
1957	3	2	-	-	-	-	1	9	-	1
1958	2	-	3	1	-	-	-	2	-	-
1959	3	3	-	-	-	-	-	3	-	3
1960	2	2	-	-	-	-	1	6	-	-
1961	1	3	-	1	-	-	-	2	-	-
1962	2	2	-	-	-	-	-	4	-	-
1963	-	3	-	-	-	-	-	1	-	-
1964	1	5	-	-	-	-	-	2	-	-
1965	-	5	-	1	-	-	2	5	-	1

Average  
Days  
Worked

Fatalities

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMERIA	CENTRE	CLARION
1966	1	2	-	1	-	-	2	5	-	-
1967	1	1	-	-	-	-	3	1	-	-
1968	2	4	-	-	-	-	-	5	-	1
1969	-	2	-	-	-	-	2	4	1	2
Fatalities										
1925	2,739,492	836,966	20,686	116,021	98,351	6,800	572,067	1,281,947	259,551	471,119
1930	2,830,946	546,947	23,788	93,108	113,640	2,340	185,859	2,961,989	168,577	312,950
1935	3,196,377	529,405	33,414	138,142	81,133	6,644	198,970	3,535,388	162,050	379,818
1940	2,712,314	911,003	54,116	116,005	79,766	-	206,718	4,164,101	194,729	292,192
1941	3,035,805	922,304	126,966	156,621	66,919	-	396,991	4,175,079	239,537	351,468
1942	3,398,413	879,294	120,351	185,618	59,969	-	256,643	4,603,324	263,918	445,173
1943	3,037,490	78,582	78,582	167,072	23,338	-	256,643	4,296,233	282,800	452,155
1944	3,019,199	1,014,565	84,893	222,445	39,087	-	247,438	4,351,763	244,290	449,925
1945	2,769,066	1,161,389	62,132	181,248	37,511	-	268,114	3,711,209	239,112	390,835
1946	2,240,959	766,782	61,694	153,718	34,562	-	338,166	3,228,093	210,995	370,467
1947	2,832,514	936,501	65,842	113,963	35,471	796	285,601	2,586,437	223,423	344,762
1948	2,322,545	930,729	64,818	134,399	45,241	-	192,543	2,342,177	227,617	330,874
1949	1,607,813	513,079	53,159	67,311	39,377	800	272,570	2,403,144	117,879	320,723
1950	1,712,076	525,437	52,830	154,463	30,039	1,284	287,536	2,340,880	130,717	315,742
1951	1,851,331	653,916	59,548	44,750	36,181	1,144	220,158	2,092,458	151,624	253,969
1952	1,266,219	492,407	39,204	31,810	32,015	1,160	185,722	1,857,245	126,128	247,979
1953	1,296,718	466,540	44,616	19,278	23,578	930	199,992	1,808,175	96,515	208,093
1954	999,245	312,434	54,201	8,977	20,768	709	195,722	1,383,925	90,941	247,424
1955	927,378	276,803	59,419	27,641	40,951	325	281,529	1,799,681	118,280	205,869
1956	878,753	257,956	49,755	38,501	38,796	432	170,161	1,756,119	111,327	228,189
1957	755,358	244,903	42,923	43,936	14,275	-	166,500	1,680,113	104,115	240,606
1958	546,283	240,640	23,485	42,715	18,798	976	169,628	1,184,022	86,522	204,209
1959	452,650	224,278	24,442	40,679	15,607	860	149,037	906,234	86,629	220,712
1960	439,950	224,926	35,385	35,385	11,782	960	130,560	835,087	69,770	229,790
1961	376,124	244,333	39,539	39,539	10,661	1,608	141,482	756,622	70,822	185,674
1962	334,863	251,881	35,029	37,249	10,545	1,434	130,923	627,979	65,956	197,013
1963	284,733	263,366	24,526	34,055	4,636	1,571	119,334	697,443	70,864	205,667
1964	320,707	249,242	31,241	32,125	4,323	1,480	113,007	854,966	64,123	204,442
1965	267,360	255,024	29,741	26,741	2,028	2,156	113,868	887,077	59,381	161,374
1966	293,373	279,838	14,404	23,352	13,746	1,639	128,163	857,006	48,505	122,847
1967	284,978	298,417	10,254	15,483	1,412	50	116,474	777,697	48,629	144,324
1968	299,876	331,200	12,595	9,041	1,372	100	103,533	767,133	39,220	163,152
1969	309,876	339,100	19,082	2,886	1,104	120	103,533	734,321	63,558	159,380
1925	529,316	521,150	-	452,286	119,026	-	618,429	333,124	158,056	731,265
1931	493,573	558,315	-	119,100	247,834	-	325,546	419,152	-	1,191,042
1935	555,031	378,186	-	396,090	-	-	659,215	480,076	-	342,247
1940	717,525	2,053,643	-	368,939	-	-	-	194,777	-	-
1941	575,549	-	-	-	183,932	-	523,243	639,067	-	-
1942	990,112	1,116,952	-	631,962	-	-	376,249	694,303	561,451	1,567,212
Production Per Fatal										

Man-Days



YEAR	ALLGHEHY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERTA	CENTRE	CLARION
1943	818,063	581,574	-	629,412	114,191	-	1,110,613	711,513	478,230	1,760,213
1944	1,030,072	1,383,936	-	-	-	-	295,818	638,114	1,211,242	1,471,003
1945	1,096,992	715,881	123,603	366,398	128,407	-	-	839,028	-	1,594,288
1946	1,728,020	706,915	-	-	-	-	-	980,115	1,447,351	-
1947	1,099,682	618,091	-	950,153	-	-	-	898,147	-	-
1948	806,779	614,281	-	-	-	-	1,115,948	1,104,169	751,136	1,119,206
1949	1,300,760	616,821	-	331,041	-	-	-	897,255	-	3,308,716
1950	1,326,636	852,181	-	-	365,561	-	1,372,289	889,193	-	2,850,897
1951	2,005,609	2,125,227	442,118	-	218,175	-	-	1,511,219	-	3,123,537
1952	8,230,420	756,127	446,156	-	-	-	981,531	804,806	-	2,559,890
1953	763,127	-	-	-	153,258	-	-	1,679,019	-	-
1954	1,623,773	-	-	-	-	-	1,565,777	1,499,253	454,705	-
1955	1,056,806	-	-	115,182	-	-	-	2,681,379	1,174,981	-
1956	1,096,209	-	-	-	-	-	-	1,203,762	-	-
1957	2,306,766	-	-	-	-	-	-	1,170,331	-	2,823,921
1958	2,187,611	1,124,675	714,952	172,576	-	-	1,947,166	4,082,196	-	-
1959	1,589,927	1,331,433	-	-	-	-	-	2,416,825	-	1,024,950
1960	2,609,178	956,123	-	197,011	-	-	1,976,582	1,116,964	-	-
1961	4,766,371	1,019,031	-	-	-	-	-	3,024,667	-	-
1962	2,415,672	1,718,371	-	-	-	-	-	1,474,974	-	-
1963	-	1,407,092	-	-	-	-	-	6,971,829	-	-
1964	4,832,778	4,321,374	-	-	-	-	-	4,379,673	-	-
1965	-	959,371	-	320,100	-	-	1,079,534	1,786,908	-	3,168,001
1966	4,954,905	2,695,083	-	287,048	-	-	1,091,296	1,624,591	-	-
1967	4,809,304	5,837,077	-	-	-	-	625,225	7,768,754	-	-
1968	2,574,325	1,685,218	-	-	-	-	-	1,559,447	709,003	2,891,176
1969	-	3,695,157	-	-	-	-	1,007,137	1,769,476	1,051,051	1,891,363
YEAR	CLEARFIELD	CLINTON	ELK	FAVETTE	FULTON	GREENE	HUNTINGTON	INDIANA	JEFFERSON	LAWRENCE
1925	5,110,701	182,964	1,052,604	28,684,339	168,157	4,992,995	669,587	8,008,676	2,967,590	279,183
1931	3,022,139	67,081	887,801	13,931,516	118,096	3,711,042	517,195	6,626,280	1,981,360	208,713
1935	2,934,442	52,305	749,661	13,451,039	142,776	2,955,545	495,447	5,606,505	1,837,504	177,803
1940	3,048,006	31,688	741,688	22,432,309	163,361	5,310,131	500,151	6,928,550	1,763,107	253,928
1941	4,113,081	96,710	819,107	22,109,923	230,153	6,396,926	504,730	8,308,035	1,927,066	282,415
1942	4,702,159	210,314	815,156	25,165,181	255,110	7,582,079	474,627	9,390,899	2,162,615	260,637
1943	5,872,736	402,876	699,411	22,889,481	235,611	7,188,684	421,426	9,702,147	2,492,658	115,327
1944	6,396,459	223,388	636,291	22,669,263	-	8,187,776	597,408	10,769,528	2,280,142	59,350
1945	6,371,229	88,117	502,194	19,357,031	-	8,628,754	759,170	8,531,846	2,058,848	108,155
1946	6,443,667	268,764	474,628	16,496,471	-	9,258,377	808,527	8,950,655	2,563,117	95,533
1947	8,091,711	525,953	441,302	18,170,604	142,745	12,956,008	650,166	9,035,864	3,018,131	189,785
1948	8,102,562	502,740	1,043,641	15,385,038	118,858	12,458,117	390,381	8,547,968	2,724,508	238,370
1949	5,161,831	456,421	761,064	9,205,423	87,300	8,731,629	330,760	6,061,751	1,646,668	162,365
1950	6,176,963	619,337	854,824	10,079,300	111,557	10,122,459	405,282	7,809,553	2,003,302	456,943
1951	5,928,156	793,958	784,597	10,528,246	110,347	11,820,569	392,811	7,669,778	1,977,131	168,508

Total  
Production  
(net tons)

Production  
Per Fatal

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1952	5,781,289	617,027	589,588	7,523,581	157,611	9,592,879	268,772	6,215,535	1,550,005	282,626
1953	5,207,520	657,933	518,093	9,054,912	137,669	11,575,111	231,094	5,756,221	1,664,773	665,911
1954	4,872,992	613,606	407,599	6,414,395	81,099	9,355,074	165,615	4,881,780	1,156,151	653,216
1955	5,760,350	612,482	461,208	6,610,155	94,886	11,866,090	91,887	6,012,018	1,174,972	634,117
1956	6,634,394	531,864	421,453	5,357,333	-	12,423,951	119,511	7,001,596	1,678,293	911,091
1957	6,297,900	591,789	307,513	4,919,851	-	12,271,511	52,705	6,777,115	1,188,656	1,097,658
1958	5,651,550	622,294	350,750	2,908,999	-	9,575,502	58,250	5,605,795	1,381,134	1,128,623
1959	5,663,175	638,673	354,470	2,754,230	-	9,619,191	71,123	6,200,151	1,090,725	1,003,172
1960	6,289,354	1,179,839	302,180	2,245,909	5,162	9,966,911	58,600	5,126,721	1,117,022	912,037
1961	6,585,671	1,077,599	371,888	1,234,260	-	9,576,615	33,910	4,879,306	1,299,120	629,552
1962	6,556,887	1,077,610	475,500	1,311,657	-	9,137,326	33,070	4,822,211	1,120,926	623,611
1963	6,845,783	1,182,201	513,530	1,525,525	-	9,619,969	55,510	5,519,919	1,869,771	922,152
1964	6,972,166	1,081,016	508,790	1,872,001	-	11,575,079	69,135	5,867,107	1,884,817	812,076
1965	7,162,588	554,960	512,582	1,875,811	-	11,676,093	67,376	6,626,509	1,933,709	906,117
1966	7,227,811	776,381	1,178,035	1,562,102	-	11,536,759	53,683	7,668,217	1,724,329	1,267,036
1967	6,887,212	926,168	330,901	1,186,650	-	11,243,302	43,913	7,622,275	1,838,560	1,064,058
1968	6,080,361	781,597	315,511	1,112,670	-	11,077,182	19,981	6,558,590	1,592,838	1,135,575
1969	5,876,819	550,868	367,786	1,387,377	7,200	11,158,158	2,673	8,021,859	1,115,933	898,738
1925	9,137	287	1,1873	29,135	280	3,664	1,097	10,917	4,102	383
1931	5,593	135	1,1487	16,291	218	3,237	993	8,016	2,1179	421
1935	6,058	131	1,251	16,817	258	3,492	1,061	8,343	2,951	437
1940	4,861	112	1,126	20,253	263	4,219	923	7,081	2,237	456
1941	4,983	113	1,044	22,329	211	5,031	821	7,698	2,267	427
1942	4,113	166	808	21,173	196	5,301	611	7,175	2,015	338
1943	4,687	218	657	19,911	172	5,311	530	6,717	2,000	366
1944	4,712	171	608	16,711	-	6,007	661	6,651	1,827	51
1945	4,863	99	532	15,212	-	6,178	782	6,178	1,757	36
1946	5,121	161	582	14,218	-	7,809	768	7,031	2,105	39
1947	5,703	229	708	14,098	45	9,078	603	6,993	2,260	59
1948	6,176	211	895	13,751	26	9,910	588	7,198	2,195	97
1949	5,231	290	796	12,437	22	9,513	1,69	6,365	1,755	76
1950	4,868	319	699	11,767	20	9,012	1,59	6,286	1,861	151
1951	4,139	172	551	10,628	11	8,899	1,429	5,603	1,670	117
1952	4,091	160	479	9,151	50	8,188	351	5,248	1,298	92
1953	3,303	251	369	8,220	55	8,005	277	4,316	1,150	161
1954	3,267	213	277	6,515	38	7,035	135	3,237	1,119	192
1955	3,278	229	290	4,763	36	6,710	107	3,499	995	173
1956	3,186	161	318	3,119	70	6,721	165	3,535	1,111	251
1957	3,330	160	254	3,151	-	6,278	77	3,731	1,073	280
1958	3,272	162	253	2,205	-	5,111	83	3,283	930	273
1959	2,796	157	237	2,130	-	5,208	95	3,199	860	235
1960	2,619	112	222	2,068	7	4,707	71	2,676	571	223
1961	2,765	136	203	1,136	-	4,335	51	2,210	691	191

Employees

YEAR	CLEARFIELD	CLINTON	BLK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1962	2,577	92	195	1,077	-	3,673	46	2,177	679	228
1963	2,481	99	170	977	-	3,712	51	2,145	635	199
1964	2,361	119	189	998	-	3,895	47	2,121	571	172
1965	2,177	69	180	1,032	-	3,627	39	2,295	577	183
1966	2,024	167	163	921	-	3,526	34	2,049	618	212
1967	1,778	118	100	773	-	3,412	16	2,164	601	220
1968	1,712	150	106	780	-	3,361	13	2,192	466	225
1969	1,465	90	97	813	2	3,490	7	2,472	441	224
1925	173	165	172	228	284	268	230	184	208	265
1931	112	209	160	156	224	195	202	165	177	205
1935	160	167	195	169	196	172	184	163	186	171
1940	190	249	217	230	209	218	197	201	194	197
1941	217	232	227	227	234	229	223	223	211	198
1942	239	265	267	272	258	259	216	270	233	233
1943	253	296	282	267	278	275	281	261	286	238
1944	257	232	291	289	-	244	272	279	253	133
1945	229	259	250	259	-	257	255	253	233	237
1946	203	184	193	249	-	225	203	206	196	207
1947	215	229	180	199	211	216	156	196	202	211
1948	199	234	177	169	305	190	101	180	188	164
1949	151	154	155	160	122	170	112	151	138	152
1950	177	165	167	175	171	174	160	164	160	202
1951	205	307	219	152	234	204	141	211	175	245
1952	217	257	176	126	165	171	117	183	175	237
1953	243	282	216	169	250	224	128	205	223	276
1954	186	192	184	151	213	205	153	232	195	227
1955	217	251	189	211	208	235	141	218	204	335
1956	205	260	183	211	64	235	168	230	210	235
1957	202	261	173	200	-	178	179	211	189	225
1958	189	251	163	169	-	178	145	190	176	268
1959	204	242	183	147	-	177	142	201	132	235
1960	216	234	179	113	38	177	162	188	201	255
1961	206	207	160	155	-	185	136	200	196	237
1962	213	243	215	164	-	186	138	201	196	193
1963	219	242	231	196	-	199	156	218	199	278
1964	221	190	218	212	-	221	159	208	221	255
1965	233	273	208	226	-	230	150	203	216	275
1966	246	239	216	212	-	228	135	229	221	249
1967	257	286	211	218	-	231	203	236	201	281
1968	262	225	243	208	-	228	271	207	200	274
1969	241	260	239	230	240	242	56	230	163	219

Average  
Days  
Worked

Employees

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGTON	INDIANA	JEFFERSON	LAWRENCE
1925	8	-	2	78	-	15	1	19	9	1
1931	4	-	1	22	-	11	-	17	4	1
1935	4	-	-	25	1	2	2	10	1	-
1940	5	-	-	14	1	7	2	5	3	-
1941	1	-	-	25	-	6	3	20	1	-
1942	7	-	-	34	-	5	-	17	2	1
1943	4	-	-	26	-	12	1	10	1	-
1944	7	-	-	25	-	16	1	11	-	-
1945	5	1	-	25	-	11	-	7	1	-
1946	3	-	1	21	-	14	1	10	2	-
1947	6	1	-	19	-	10	1	8	5	-
1948	6	-	1	11	1	13	-	8	-	-
1949	1	-	-	11	-	5	-	5	-	-
1950	5	-	-	6	-	5	-	9	1	-
1951	2	-	1	7	-	7	-	4	2	-
1952	3	-	-	3	-	9	-	1	-	-
1953	3	-	1	5	-	12	-	4	1	-
1954	3	-	-	3	-	4	-	4	-	-
1955	2	1	-	-	-	7	-	2	2	-
1956	2	-	-	2	-	12	-	4	1	-
1957	2	-	-	5	-	8	-	1	1	-
1958	4	-	1	4	-	2	-	6	1	-
1959	2	-	1	1	-	8	-	3	-	-
1960	1	-	-	3	-	1	-	1	1	-
1961	3	-	1	2	-	4	-	3	-	-
1962	3	-	-	3	-	4	-	3	-	-
1963	2	-	1	1	-	3	-	4	1	-
1964	1	-	-	-	-	5	-	2	1	-
1965	-	-	-	-	-	6	-	2	-	-
1966	1	-	-	2	-	3	-	3	5	-
1967	1	-	-	-	-	3	-	7	-	-
1968	1	-	-	-	-	4	-	3	-	-
1969	1	-	-	1	-	1	-	1	-	1
Fatalities										
1925	1,591,427	47,485	323,071	6,725,330	79,520	982,263	251,862	2,011,055	941,760	102,043
1931	791,913	28,256	237,816	2,547,128	48,832	620,627	200,862	1,325,638	439,481	86,281
1935	969,471	22,411	243,478	2,839,965	50,568	599,799	195,229	1,361,223	549,720	74,909
1940	924,961	10,198	244,799	4,648,292	54,967	927,147	182,199	1,427,093	435,055	89,649
Man-Days	1941	33,222	237,558	5,070,420	56,325	1,094,456	183,013	1,718,572	485,805	84,447
	1942	1,082,216	202,739	6,298,013	50,608	1,372,961	159,601	1,937,954	482,296	81,462
	1943	1,067,479	44,098	5,242,499	47,940	1,418,681	149,103	1,756,493	572,030	13,530
	1944	1,188,863	64,555	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
	1945	1,244,031	39,617	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
1946	1,113,845	25,619	332,817	3,949,387	-	1,708,272	199,559	1,561,760	410,135	8,180

YEAR	CLEARFIELD	CLINTON	FLK	FAVETTE	PULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1946	1,040,676	31,193	112,212	3,055,263	-	1,759,110	155,863	1,451,436	411,562	8,072
1947	1,226,021	52,593	127,470	2,798,576	9,516	1,963,031	59,483	1,369,070	457,293	12,652
1948	1,227,661	50,274	158,127	2,331,066	7,924	1,887,598	59,149	1,295,150	412,804	12,891
1949	789,635	44,746	123,748	1,994,643	2,684	1,626,053	66,422	963,365	243,013	19,146
1950	863,989	52,413	115,683	2,061,273	3,420	1,564,345	73,655	1,162,582	305,670	30,478
1951	912,023	52,930	120,707	1,619,730	9,356	1,818,549	60,437	1,179,966	293,261	33,464
1952	886,641	61,135	84,227	1,166,039	8,295	1,775,827	141,350	960,852	227,250	21,885
1953	804,357	65,793	79,707	1,139,063	13,767	1,796,222	35,553	885,573	256,119	44,394
1954	609,249	40,907	50,950	991,138	6,110	1,439,242	20,702	751,505	224,069	43,547
1955	710,135	57,482	54,755	1,093,173	7,488	1,573,815	15,129	761,061	203,081	58,075
1956	715,570	44,921	58,265	721,624	4,480	1,576,783	27,708	813,413	240,594	58,934
1957	673,752	41,765	43,820	629,153	-	1,388,211	13,821	787,359	202,410	62,977
1958	616,410	40,694	41,323	727,752	-	969,424	12,039	625,162	163,518	73,201
1959	569,081	38,031	312,446	312,446	-	925,966	113,530	642,400	113,900	52,784
1960	571,221	33,284	39,794	295,175	269	835,198	11,998	591,996	116,556	56,921
1961	569,047	28,185	32,394	175,618	-	800,047	7,338	447,462	135,119	45,469
1962	549,824	22,359	41,925	176,932	-	681,849	6,346	427,466	136,512	43,920
1963	543,829	24,007	39,284	191,457	-	740,266	7,974	467,945	126,281	55,269
1964	521,594	22,665	41,266	211,762	-	856,155	7,476	442,336	126,218	43,841
1965	508,380	24,338	37,452	233,023	-	834,025	5,868	465,041	124,637	50,426
1966	498,630	39,943	35,169	194,892	-	805,225	4,595	469,415	136,579	60,389
1967	456,744	42,385	21,076	168,861	-	788,466	3,247	511,664	122,908	61,879
1968	441,989	33,771	25,734	162,233	-	767,400	2,218	453,888	92,036	61,764
1969	353,568	23,434	23,155	187,475	480	844,377	390	567,775	71,867	49,038
1925	686,088	-	526,342	367,748	-	332,866	699,587	421,509	329,732	279,183
1931	755,535	-	887,802	633,343	-	337,367	-	389,781	495,340	208,713
1935	733,611	-	-	538,162	142,776	1,477,773	247,724	560,650	1,837,504	-
1940	609,601	-	-	1,602,308	163,381	758,590	250,076	1,385,306	587,702	-
1941	44,113,081	-	-	884,397	-	1,049,488	168,243	435,402	1,927,066	-
1942	671,737	-	-	748,976	-	1,516,415	-	552,406	1,084,307	260,637
1943	1,468,184	-	-	886,364	-	552,976	421,426	970,245	2,492,658	-
1944	913,780	-	-	906,731	-	530,486	597,408	979,048	-	-
1945	1,274,246	-	-	774,281	-	784,432	-	1,218,835	-	-
1946	2,147,889	-	-	785,546	-	661,313	808,065	895,065	2,058,848	-
1947	1,348,623	-	474,628	972,137	-	1,295,601	-	1,129,483	1,281,723	-
1948	1,350,427	525,933	-	1,398,640	118,853	958,319	-	1,068,498	603,626	-
1949	5,161,831	-	-	836,857	-	1,746,326	-	1,212,350	-	-
1950	1,235,393	-	-	1,679,883	-	2,024,492	-	867,728	2,003,302	-
1951	2,964,078	-	784,597	1,504,035	-	1,688,653	-	1,917,444	988,565	-
1952	1,927,096	-	-	2,507,860	-	1,065,875	-	1,249,107	-	-
1953	1,735,840	-	518,093	1,810,982	-	972,954	-	1,439,056	1,644,773	-
1954	1,624,664	-	-	2,147,465	-	2,338,768	-	407,065	-	-
1955	2,680,175	642,492	-	-	-	1,695,156	-	1,510,504	737,486	-

Production  
Per Fatal

Man-Days



YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1956	3,317,197	-	-	2,678,666	-	1,035,329	-	7,001,596	839,116	-
1957	3,118,950	-	-	989,970	-	1,531,318	-	1,694,219	1,488,656	-
1958	1,412,887	-	350,750	727,250	-	4,875,751	-	5,605,795	1,381,434	-
1959	2,831,587	-	351,470	2,751,230	-	1,206,186	-	1,033,358	-	-
1960	6,289,351	-	-	718,636	-	9,966,944	-	1,708,907	1,117,022	-
1961	2,195,224	-	374,888	617,130	-	2,391,154	-	1,879,306	-	-
1962	3,278,443	-	-	1,311,657	-	228,433	-	1,607,104	-	-
1963	6,813,783	-	513,530	1,525,525	-	3,206,656	-	1,387,480	1,789,771	-
1964	-	-	-	-	-	2,315,016	-	2,933,553	1,881,817	-
1965	3,581,294	-	-	-	-	1,916,015	-	3,313,251	-	-
1966	7,227,811	-	-	781,051	-	3,786,253	-	2,556,072	344,866	-
1967	1,721,803	-	-	-	-	3,747,767	-	1,088,896	-	-
1968	6,080,361	-	-	-	-	2,789,295	-	2,186,197	-	-
1969	5,876,819	-	-	1,387,377	-	11,458,458	-	8,021,859	-	898,738
YEAR	INCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION	
1925	23,219	279,087	-	9,629,892	111,680	8,197	15,121,512	20,720,626	135,266,612	
1931	25,040	211,347	-	7,306,313	190,114	2,600	13,640,250	11,213,386	96,814,250	
1935	58,616	321,260	13,264	5,675,139	177,096	6,061	15,890,388	8,989,269	91,110,273	
1940	63,653	110,010	-	4,839,036	190,597	28,621	17,782,551	8,756,882	111,416,916	
1941	64,818	428,239	-	6,137,729	319,083	29,400	19,916,404	10,875,964	127,469,207	
1942	491,923	491,923	5,729	6,938,898	358,801	20,770	20,661,070	12,567,665	112,759,573	
1943	51,237	418,298	2,176	7,613,273	302,284	18,671	20,311,505	12,622,983	139,801,363	
1944	44,215	634,332	-	8,236,565	268,177	45,859	21,129,326	12,556,807	114,408,418	
1945	13,810	528,137	16,994	7,591,495	213,090	10,291	18,152,651	11,009,275	130,696,851	
1946	19,215	401,030	10,938	6,663,174	156,632	120,696	18,981,071	9,747,937	123,587,065	
1947	32,562	353,523	1,104	8,027,289	173,291	250,391	21,109,249	9,882,182	114,761,961	
1948	25,070	289,800	5,596	7,544,368	204,718	448,818	18,215,125	8,993,187	120,627,789	
1949	29,171	406,073	23,960	4,961,339	119,224	152,373	12,481,761	5,223,831	87,351,892	
1950	33,174	508,342	64,723	5,901,852	119,282	511,011	11,741,761	6,131,999	103,439,887	
1951	35,754	495,526	81,307	6,513,342	138,117	437,099	16,106,865	5,759,110	106,680,097	
1952	27,034	534,666	43,847	4,982,002	62,761	447,516	13,656,583	5,252,229	87,308,999	
1953	23,089	559,100	82,210	3,961,378	68,879	596,681	16,838,775	5,218,092	91,938,156	
1954	36,026	638,686	93,101	2,261,833	55,289	522,103	12,838,710	2,751,921	70,823,985	
1955	18,123	653,085	109,930	3,179,806	81,793	701,730	15,921,185	3,932,005	85,042,677	
1956	56,961	503,292	103,864	4,273,532	91,476	811,490	15,011,199	4,505,110	88,595,658	
1957	85,609	508,297	41,887	3,827,771	265,242	798,054	13,783,986	4,737,250	84,064,493	
1958	67,311	607,524	47,432	2,667,943	296,764	631,182	10,575,312	3,557,895	67,398,561	
1959	57,178	525,153	42,128	2,211,735	211,027	607,707	10,069,016	3,136,571	65,627,585	
1960	60,354	692,342	32,030	2,181,308	242,375	676,517	10,913,281	3,362,099	65,595,999	
1961	58,611	872,960	5,940	2,215,619	223,023	612,110	10,359,035	3,347,734	63,171,313	
1962	38,770	1,045,879	2,185	2,702,986	233,863	506,077	10,915,366	3,730,800	65,618,015	
1963	29,302	711,921	4,370	3,161,518	306,465	898,095	12,116,067	3,898,862	71,258,957	
1964	71,207	595,667	21,700	3,409,154	260,424	487,329	13,477,813	4,115,711	77,321,793	

Total  
Production  
(net tons)



YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
Total Production (net tons)	1965	552,103	15,983	3,502,211	435,321	400,056	14,220,440	4,305,217	60,119,518
	1966	136,628	-	3,599,415	506,108	493,777	14,115,130	4,250,423	81,144,647
	1967	102,540	-	3,959,512	517,683	521,397	14,778,358	3,556,939	79,101,385
	1968	88,035	-	4,017,512	578,613	439,283	13,593,120	2,952,224	75,711,611
	1969	60,184	-	3,996,349	618,822	549,365	13,761,402	2,591,158	78,185,036
Employees	1925	100	-	10,626	698	19	20,768	20,216	165,586
	1931	72	-	9,607	519	6	15,002	13,327	119,285
	1935	167	43	8,846	557	25	19,336	12,663	129,346
	1940	148	-	6,864	365	55	17,529	8,994	117,832
	1941	119	-	7,285	472	44	17,745	9,771	124,941
Average Days Worked	1942	94	16	6,620	325	35	15,993	9,423	115,451
	1943	99	7	6,558	252	22	13,968	8,976	105,903
	1944	44	-	6,139	248	16	13,844	8,094	98,942
	1945	17	26	6,050	225	17	13,518	8,304	98,764
	1946	43	22	6,453	229	61	14,753	8,009	103,694
Total Production (net tons)	1947	48	4	6,984	189	70	15,514	8,400	109,202
	1948	35	4	7,080	208	57	15,834	7,981	110,326
	1949	25	19	6,538	189	52	15,047	6,894	100,119
	1950	19	320	6,309	156	91	14,348	5,919	94,514
	1951	18	24	5,784	129	73	13,336	5,444	86,369
Employees	1952	19	29	5,159	130	108	11,871	4,906	76,676
	1953	15	31	4,340	63	176	12,056	4,906	69,126
	1954	32	31	2,863	57	154	9,449	4,470	55,405
	1955	31	36	3,584	66	187	8,081	2,522	52,103
	1956	39	37	3,383	84	170	7,726	2,725	50,529
Average Days Worked	1957	43	17	3,211	116	144	6,424	2,364	46,989
	1958	42	172	2,417	126	172	6,070	2,116	44,309
	1959	36	168	2,148	107	159	5,660	1,921	37,337
	1960	40	183	1,736	106	116	5,294	1,771	33,396
	1961	34	206	1,607	86	98	4,371	1,633	29,633
Total Production (net tons)	1962	25	13	1,539	83	99	4,160	1,449	27,264
	1963	21	19	1,464	79	148	3,963	1,411	26,216
	1964	21	119	1,365	89	116	3,990	1,411	26,008
	1965	23	36	1,372	87	95	4,044	1,280	25,206
	1966	25	20	1,305	80	104	4,381	1,228	24,729
Average Days Worked	1967	26	78	1,209	91	111	4,379	1,093	23,811
	1968	20	39	1,202	100	84	4,356	891	23,117
	1969	11	43	1,191	119	126	4,115	37	22,969
Total Production (net tons)	1925	229	-	221	75	225	170	228	200
	1931	237	-	164	167	98	177	168	170
	1935	200	205	180	159	156	207	168	179
	1940	234	-	182	169	216	229	212	213
	1941	215	-	219	194	229	222	237	223

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1942	262	260	169	239	225	223	244	234	254
1943	239	203	71	269	253	240	271	257	266
1944	271	272	-	282	261	304	291	266	280
1945	271	257	200	265	180	204	265	225	255
1946	165	195	203	189	203	124	218	202	208
1947	103	256	53	171	138	238	209	178	220
1948	109	224	212	161	149	225	175	171	202
1949	238	237	118	146	132	242	159	142	154
1950	216	195	196	166	217	225	172	188	193
1951	264	228	226	173	165	299	186	163	186
1952	177	207	168	149	74	295	168	165	168
1953	236	197	265	140	168	226	215	180	198
1954	173	185	200	121	149	226	210	168	197
1955	236	339	296	171	213	337	233	186	219
1956	240	183	286	193	193	252	212	198	213
1957	270	255	228	173	243	259	210	200	205
1958	219	240	238	145	246	217	177	164	178
1959	239	264	223	130	182	221	256	170	173
1960	176	252	168	148	210	237	186	171	183
1961	177	241	27	151	199	269	197	176	189
1962	154	259	166	155	213	242	193	196	191
1963	183	265	149	175	249	281	213	208	206
1964	227	238	157	179	199	207	231	205	218
1965	245	240	60	195	253	223	235	208	225
1966	202	273	66	208	234	286	227	214	228
1967	215	219	-	226	254	264	231	190	229
1968	196	196	-	226	271	236	215	211	225
1969	289	251	-	220	286	209	239	230	233
1925	-	-	-	19	-	-	30	42	312
1931	-	-	-	21	2	-	34	20	208
1935	-	1	-	13	-	-	23	19	161
1940	-	-	-	8	2	-	22	8	188
1941	-	1	-	5	1	-	18	25	166
1942	-	-	-	9	-	-	29	23	187
1943	1	1	-	10	-	-	28	19	178
1944	-	2	-	7	2	-	16	14	164
1945	-	-	-	1	-	-	23	16	141
1946	-	-	-	10	-	-	21	13	128
1947	-	1	-	7	-	-	16	9	134
1948	-	1	-	5	-	-	17	5	114
1949	-	1	-	4	-	-	5	5	65
1950	-	-	-	2	-	-	13	10	83
1951	-	-	-	5	-	-	15	7	70
1952	-	-	-	4	-	-	13	13	63
1953	-	1	-	3	-	-	8	4	67

Average  
Days  
Worked

Fatalities

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VERMANT	WASHINGTON	WESTMORELAND	REBETON
1954	-	-	-	1	-	-	6	2	44
1955	1	-	-	3	-	-	6	9	50
1956	-	-	-	4	-	-	11	1	51
1957	-	-	-	1	-	-	12	3	53
1958	-	-	-	2	-	-	6	3	32
1959	-	-	-	1	-	-	3	2	35
1960	-	-	-	2	-	-	2	-	26
1961	-	-	-	1	-	-	3	-	22
1962	-	-	-	2	-	-	3	1	59
1963	-	-	-	1	-	-	3	2	21
1964	-	-	-	-	-	-	4	2	18
1965	-	-	-	1	-	-	3	2	33
1966	-	-	-	-	-	-	7	2	28
1967	-	-	-	1	-	-	2	-	27
1968	-	-	-	1	-	-	4	1	29
1969	-	-	-	3	-	-	5	1	25
1925	22,850	101,947	-	2,344,941	52,444	4,275	3,536,159	4,607,224	33,144,496
1931	17,064	77,955	-	1,578,575	86,757	588	2,658,486	2,239,945	20,226,348
1935	36,615	124,902	8,800	1,588,376	88,757	3,900	3,997,248	2,122,995	23,139,513
1940	34,396	50,407	-	1,239,740	61,860	11,909	4,018,927	1,903,517	24,996,290
1941	25,539	86,842	-	1,594,611	91,734	10,096	3,946,014	2,316,303	27,955,946
1942	24,606	78,300	3,024	1,588,509	73,357	7,825	3,792,695	2,213,434	29,611,067
1943	11,733	60,148	500	1,762,100	63,777	5,293	3,795,408	2,312,450	28,233,049
1944	11,908	66,847	-	1,728,431	64,812	4,863	4,027,095	2,150,936	27,967,520
1945	12,726	55,795	5,200	1,602,686	63,001	3,474	3,581,816	1,870,642	25,165,237
1946	11,399	48,970	4,456	1,311,112	43,332	7,519	3,219,689	1,020,664	21,048,972
1947	4,334	53,564	213	1,216,256	26,256	16,493	3,243,826	1,497,347	21,678,669
1948	3,798	59,061	848	1,144,089	31,022	12,823	2,764,413	1,362,650	19,503,263
1949	5,950	45,209	2,245	951,366	24,895	12,608	2,392,385	960,164	15,642,415
1950	4,112	62,240	3,727	1,048,617	33,819	20,476	2,463,502	1,110,737	16,417,442
1951	4,767	76,234	5,420	1,002,053	21,249	21,855	2,477,979	886,064	16,036,009
1952	3,379	59,407	4,872	766,472	9,656	31,834	1,999,967	808,036	12,906,961
1953	3,552	55,910	8,221	609,443	10,597	39,779	2,590,581	802,783	13,656,135
1954	5,542	42,579	6,206	644,136	8,506	34,826	1,975,191	423,834	10,342,871
1955	7,307	74,580	10,652	614,482	14,046	63,407	1,886,560	541,990	11,403,377
1956	9,376	52,916	10,594	654,496	16,194	42,801	1,639,999	538,348	10,757,603
1957	11,599	43,900	3,880	555,835	28,237	37,346	1,347,653	473,330	9,646,511
1958	9,226	45,538	3,332	349,260	31,065	37,355	1,075,914	347,233	7,339,300
1959	8,622	44,327	3,799	278,957	19,483	35,423	885,253	325,874	6,442,554
1960	7,035	46,202	1,179	256,391	22,292	27,440	984,439	303,676	6,124,070
1961	6,034	49,686	81	211,953	17,166	26,342	862,489	286,672	5,598,006
1962	3,856	51,113	2,158	238,131	17,708	26,910	802,853	283,939	5,209,651
1963	3,461	37,078	2,626	296,771	19,645	41,535	845,416	294,192	5,407,629

Fatalities

Man-Days

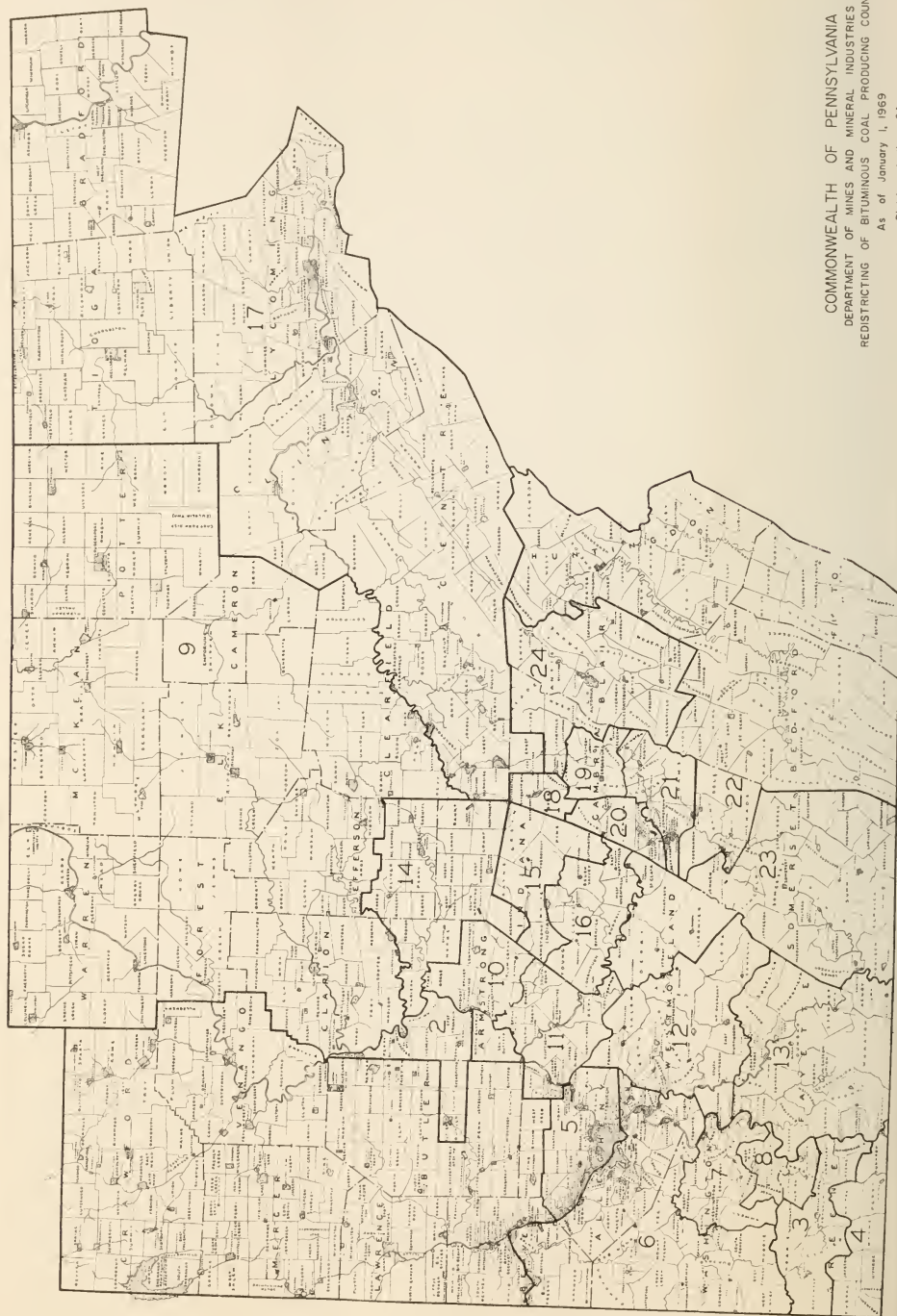


YEAR	TOTAL PRODUCTION	EMPLOYEES	DAYS WORKED	FATALITIES	MAN-DAYS	PRODUCTION PER FATAL
1943	1,988	3	76	-	228	-
1944	3,897	5	280	-	1,400	-
1945	3,471	5	200	-	1,000	-
1946	3,010	5	200	-	1,000	-
1947	5,298	5	200	-	1,000	-
1948	19,110	10	191	-	1,914	-
1949	32,699	33	244	-	8,040	-
1950	98,702	38	274	-	9,371	-
1951	72,566	38	224	-	8,518	-
1952	66,206	19	290	-	5,512	-
1953	51,836	12	288	-	3,456	-
1954	59,832	18	222	-	3,989	-
1955	83,811	24	274	-	6,580	-
1956	77,510	15	239	-	3,589	-
1957	62,634	32	211	-	7,704	-
1958	28,712	37	232	-	8,576	-
1959	51,629	35	241	-	8,438	-
1960	107,578	34	238	-	8,105	-
1961	58,663	21	250	-	5,246	-
1962	78,757	22	266	-	5,858	-
1963	68,207	15	279	-	4,188	-
1964	51,316	15	218	-	3,721	-
1965	4,760	10	80	-	796	-
1966	-	-	-	-	-	-
1967	-	-	-	-	-	-
1968	-	-	-	-	-	-
1969	-	-	-	-	-	-

## CAMERON COUNTY

\* In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.





COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
 REDISTRICTING OF BITUMINOUS COAL PRODUCING COUNTIES  
 As of January 1, 1969  
 Districts thru 24

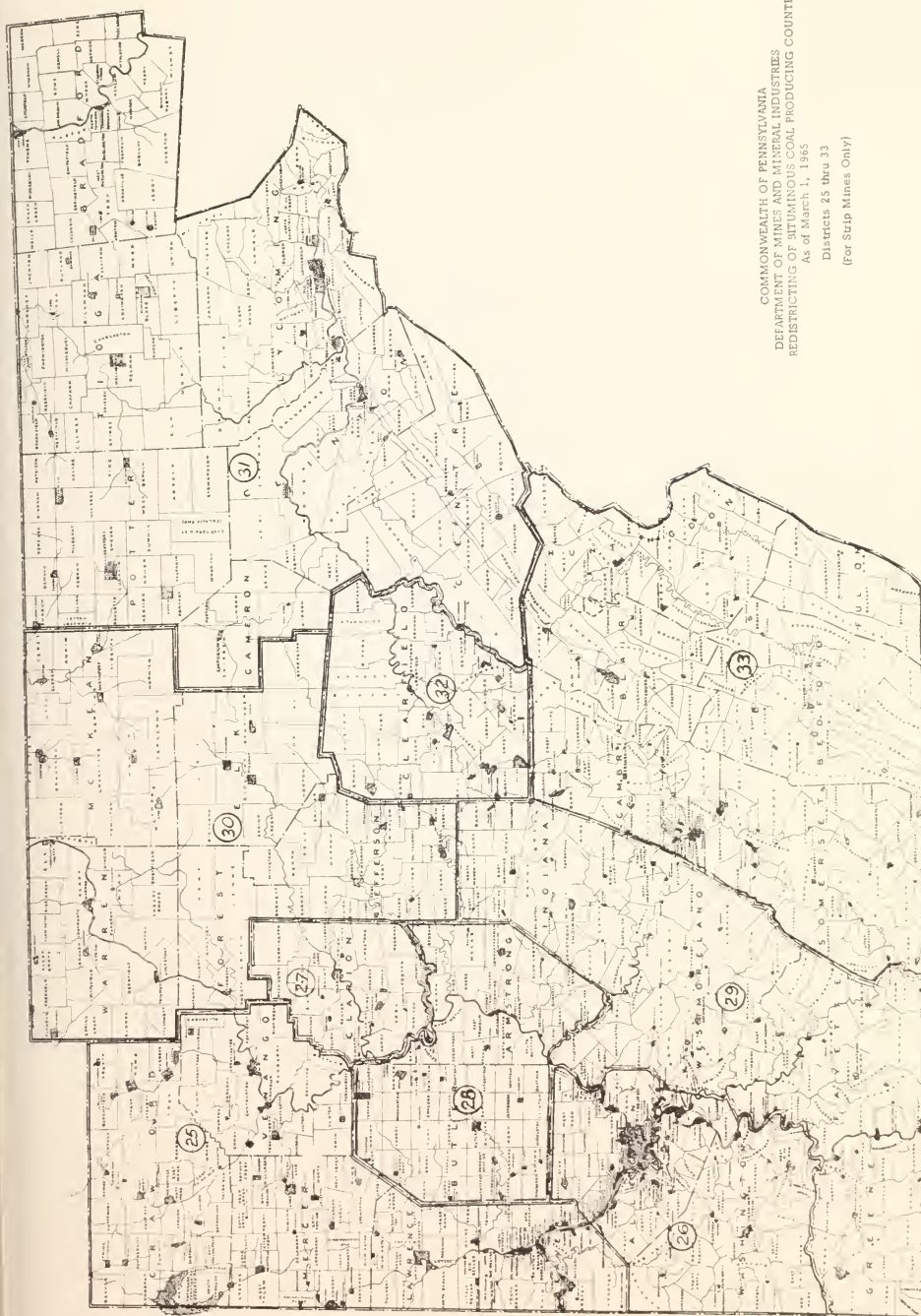


COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
 REDISTRICTING OF BITUMINOUS COAL PRODUCING COUNTIES

As of March 1, 1965

Districts 25 thru 33

(For Strip Mines Only)





# **PRODUCTION TABLE**



District 1

Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Manufacture Of Coke						
Ambrosia Coal & Construction Co.		-	-	-	-	-	-	-	-	250	4	-	-
Grove City Tipple	Mercer	-	-	-	-	-	-	-	-	251	4	-	-
Hallsville Tipple	Lawrence	-	-	-	-	-	-	-	-	-	8	-	-
<b>Total</b>		-	-	-	-	-	-	-	-	-	-	-	-
Blystone Coal Co.		-	-	1,464	-	-	-	1,464	-	67	3	-	-
Dodds Coal Co.	Butler	-	-	-	-	-	-	-	-	150	10	-	-
Ferguson Tipple	Beaver	-	-	-	-	-	-	-	-	-	-	-	-
Dorchem Pennsylvania, Inc.		242,378	-	-	-	-	-	242,378	-	246	63	1	10
J.V.N.	Butler	-	-	-	-	-	-	-	-	246	5	-	-
Cleaning Plant	Butler	-	-	-	-	-	-	-	-	-	68	1	10
<b>Total</b>		242,378	-	-	-	-	-	242,378	-	-	-	-	-
Egal Coal Co.		-	-	23,328	-	-	-	23,328	-	234	8	-	-
Craig Saul	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Fisher Mining Co., C. A.		-	-	35,834	-	-	-	35,834	-	280	9	-	-
Kathryn	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Fredrick & McCormick Coal Co.		-	-	4,865	-	-	-	4,865	-	240	5	-	-
Bresnahan	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Grove City Construction Co.		-	-	-	-	-	-	-	-	205	3	-	-
Lion Tipple	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Herman Coal Co.		-	-	3,375	-	-	-	3,375	-	190	3	-	-
Rough Run No. 2	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Kerry Coal Co.		-	-	-	-	-	-	-	-	170	2	-	1
Rovella Tipple	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Kutsch Coal Co.		-	-	4,451	-	-	-	4,451	-	194	5	-	-
Kutsch	Butler	-	-	-	-	-	-	-	-	180	3	-	-
Mathieson Coal Co.		-	-	-	-	-	-	-	-	220	2	-	-
Jamisonville Tipple	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Miller & McKnight Coal Co.		-	-	-	-	-	-	-	-	-	-	-	-
Sandy Lake Tipple	Mercer	-	-	-	-	-	-	-	-	-	-	-	-
Mohawk Mining Co.		-	-	-	-	-	-	-	-	-	-	-	-
Brookes (a)	Butler	178,943	-	-	-	-	-	178,943	-	260	41	-	-
Hilliard Cleaning Plant (b)	Butler	-	-	-	-	-	-	-	-	260	6	-	-
<b>Total</b>		178,943	-	-	-	-	-	178,943	-	-	47	-	-
North Butler Coal Co.		-	-	-	-	-	-	-	-	102	1	-	-
Oneida Tipple	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Perry-Ross Coal Co.		-	-	-	-	-	-	-	-	140	4	-	-
Perry Ross Tipple	Mercer	-	-	-	-	-	-	-	-	-	-	-	-

## District 1

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal		Used In		Total	
	County	By Rail	By Water	By Truck	Domestic Purposes	For Heat & Power At Mine	Manufacture Of Coke	Production Of Coal	Production Of Coke	Total Production	Average Days Of Worked
Republic Steel Corp.	Allegheny	752,664	-	-	-	-	-	752,664	-	752,664	252
Russellton	Allegheny	-	-	-	-	-	-	-	39	252	229
Russellton Cleaning Plant	Allegheny	-	-	-	-	-	-	-	-	-	39
Total		752,664	-	-	-	-	-	752,664	-	752,664	268
Sell Corp., Wayne W.	Butler	-	-	-	-	-	-	-	-	-	243
Fawn Tipple	Butler	-	-	-	-	-	-	-	-	-	270
Sunbeam Coal Co.	Butler	-	-	-	-	-	-	-	-	-	245
Marion Tipple	Butler	-	-	-	-	-	-	-	-	-	84
Testa Brothers, Inc.	Venango	-	-	-	-	-	-	-	-	-	243
Testa Tipple	Venango	-	-	-	-	-	-	-	-	-	7
Union Carbide Corp.,	Butler	475,553	-	-	-	-	-	475,553	-	475,553	91
Mining & Metals Division	Butler	-	-	-	-	-	-	-	-	-	1
Fawn Cleaning Plant	Butler	-	-	-	-	-	-	-	-	-	184
Total		475,553	-	-	-	-	-	475,553	-	475,553	210
Veon, Inc., Ralph A.	Lawrence	-	-	-	-	-	-	-	-	-	190
Darlington Tipple	Lawrence	-	-	-	-	-	-	-	-	-	172
Western Hickory Coal Co., Inc.	Butler	-	-	-	-	-	-	-	-	-	4
Hickory Tipple	Butler	-	-	-	-	-	-	-	-	-	1
Western Pennsylvania Processing, Inc.	Butler	-	-	-	-	-	-	-	-	-	9
Dell No. 3 Tipple	Butler	-	-	-	-	-	-	-	-	-	3
Zacherl Coal Co., Inc.	Venango	-	-	-	-	-	-	-	-	-	172
Lucinda Tipple	Venango	-	-	-	-	-	-	-	-	-	4
Zuck Coal Co., Inc.	Venango	-	-	-	-	-	-	-	-	-	17
Zuck Tipple	Venango	-	-	-	-	-	-	-	-	-	1
District Total		1,649,538	-	73,317	-	-	-	1,722,855	-	1,722,855	573

NOTE: (a) Prior to November 15, 1969, this was formerly the Young No. 1 Mine of the Freedom Mining Co., Inc., which produced 113,836 tons of this coal in 227 days with 417 employees. Mohawk Mining Company operated this mine and cleaning plant for 33 days with 44 employees during 1969.

(b) Formerly operated by the Freedom Mining Co., Inc.



District 2

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Used In		Total Production		Total : Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	At Mine	Manufacture Of Coke	Of Coal	Of Coke	age : Days	Non-fatal Accidents
Reeseedale Mining Co.	Armstrong	-	-	109,617	-	-	-	109,617	-	229	25
Reeseedale No. 2	Armstrong	-	-	84,672	-	-	-	84,672	-	208	16
Top Grade Mining Co.		-	-	194,289	-	-	-	194,289	-	220	41
Colmol No. 1		-	-	-	-	-	-	-	-	-	-
District Total		-	-	-	-	-	-	-	-	-	-

District 3

Buckeye Coal Co., The	Greene	-	1,390,740	-	1,749	1,711	-	1,390,740	-	239	349	15
Nemacolin	Greene	-	-	-	-	-	-	-	-	239	38	-
Cleaning Plant		-	1,390,740	-	1,749	1,711	-	1,390,740	-	-	387	15
United States Steel Corp.	Greene	-	279,880	-	-	36	-	279,916	-	238	402	-
Robena No. 1 (M.U.S.) (a)	Greene	-	1,079,073	1	-	384	-	1,079,458	-	238	278	-
Robena No. 2	Greene	-	1,191,825	1	-	517	-	1,192,343	-	238	309	2
Robena No. 3	Greene	-	1,128,490	1	-	420	-	1,128,911	-	238	312	4
Robena No. 4	Greene	-	-	-	-	-	-	-	-	238	120	2
Cleaning Plant		-	3,679,268	3	-	1,357(b)	-	3,680,628	-	-	1,421	10
Total		-	-	-	-	-	-	-	-	-	-	-
District Total		-	5,070,008	3	1,749	3,068	-	5,074,828	-	238	1,808	25

NOTE: (a) Robena No. 1 includes (M.U.S.) Maintenance Utility Service.  
 (b) Coal used at Robena Cleaning Plant.

District 4

B. & M. Coal Co.	Greene	-	43,516	-	-	-	-	43,516	-	234	15	-
Bobtown	Greene	-	-	-	-	-	-	-	-	130	2	-
Blount Coal Co.		-	-	1,500	-	-	-	1,500	-	-	-	-
Gapen		-	-	-	-	-	-	-	-	-	-	-
Bortz Coal Co.		-	-	200	-	-	-	200	-	2	2	-
Marion No. 3		-	-	-	-	-	-	-	-	-	-	-

## District 4

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		: Coal Used					: Coal				
		Shipped To Market		By Rail	By Truck	For Domestic Purposes	Used For Heat & Power At Mine	Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Average Days Worked
Dunkard Mining Co.	Greene	-	1,525	-	-	-	-	-	1,525	-	66
Dunkard	Greene	-	25,892	-	-	-	-	-	25,892	-	223
Dunkard Cleaning Plant	Greene	-	-	-	-	-	-	-	-	-	9
Total		-	27,417	-	-	-	-	-	27,417	-	15
Duquesne Light Co.	Greene	-	1,089,897	-	-	530	86	-	1,090,513	-	248
Warwick No. 2	Greene	-	808,627	-	-	-	-	-	808,627	-	248
Warwick No. 3	Greene	-	453,726	-	-	-	-	-	453,726	-	248
Warwick No. 4	Greene	-	-	-	-	-	-	-	-	-	64
Warwick Cleaning Plant	Greene	-	-	-	-	-	-	-	-	-	248
Total		-	2,352,250	-	-	530	86	-	2,352,866	-	523
Eberhart Coal Co.	Greene	-	-	2,670	-	-	-	-	-	-	204
Titus	Greene	-	-	-	-	-	-	-	2,670	-	2
Molnar Coal Mining Co., Inc.	Greene	-	48,000	12,192	-	-	-	-	60,192	-	229
Paw-Paw Fuel, Inc.	Greene	-	-	25,559	-	-	-	-	25,559	-	200
Bren-Mar	Greene	-	-	-	-	-	-	-	-	-	13
R. & S. Coal Co.	Greene	-	-	2,124	-	-	-	-	2,124	-	225
R. & S. No. 2	Greene	-	-	-	-	-	-	-	-	-	2
District Total		-	2,471,183	44,245	530	86	-	-	2,516,044	-	242
District 5											
Duquesne Light Co.	Allegheny	317,226	-	-	-	-	-	-	317,226	-	243
Harwick	Allegheny	-	-	-	-	-	-	-	-	-	67
Harwick Tipple	Allegheny	-	-	-	-	-	-	-	-	-	3
Total		317,226	-	-	-	-	-	-	317,226	-	70
Harmer Coal Co.	Allegheny	-	684,416	36,678	-	-	-	-	721,094	-	234
Harmer	Allegheny	-	-	-	-	-	-	-	-	-	234
Harmer Cleaning Plant	Allegheny	-	470,365	25,334	-	-	-	-	495,699	-	233
Oakmont	Allegheny	-	-	-	-	-	-	-	-	-	233
Oakmont Tipple	Allegheny	-	1,154,781	62,012	-	-	-	-	1,216,793	-	360
Total		-	1,224,781	93,992	-	-	-	-	1,318,773	-	4

# District 5

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal		Used In		Total : Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke	Coal	Manu- facture Of Coke	Produc- tion : Days Of Em- ployes	Fatal Acci- dents
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Allegheny	802,829	-	135,313	156	-	-	-	938,298	-	234 193 - 2
Renton Preparation Plant	Allegheny	-	-	-	-	-	-	-	-	-	26 - -
Total		802,829	-	135,313	156	-	-	-	938,298	-	219 - 2
Republic Steel Corp.	Allegheny	641,256	-	-	-	255	-	-	641,511	-	252 214 - 1
Newfield	Allegheny	-	-	-	-	-	-	-	-	-	252 3 - -
Newfield Tipples	Allegheny	641,256	-	-	-	255	-	-	641,511	-	217 - 1
Total		1,761,311	1,154,781	197,325	156	255	-	-	3,113,828	-	239 866 - 8
District Total											

# District 6

Lipp Coal Co., Andreas Lipp	Allegheny	-	-	-	65	-	-	-	65	-	30 1 - -
Mathies Coal Co.	Washington	22,010	2,226,901	24,167	2,359	326	-	-	2,276,063	-	234 126 - 3
Mathies Preparation Plant	Washington	-	-	-	-	-	-	-	-	-	142 - -
Total		22,010	2,226,901	24,167	2,359	326	-	-	2,276,063	-	168 - 3
Peggs Run Coal Co., Inc.	Beaver	-	-	176,691	-	50	-	-	176,741	-	230 43 - 3
Peggs Run No. 2											
Pera Coal Co., Angelo Pera	Washington	-	-	-	169	-	-	-	169	-	60 1 - -
Pittsburgh Coal Co., Div. of Consolidation Coal Co.											
Champion Preparation Plant	Washington	-	-	-	-	-	-	-	-	-	233 87 - -
Montour No. 4	Washington	1,732,971	-	639,206	537	387	-	-	2,373,101	-	233 310 - 7
Westland	Washington	705,131	-	261,904	226	167	-	-	967,128	-	190 3 - 6
Total		2,438,102	-	901,110	763	554	-	-	3,340,529	-	587 3 - 13
District Total		2,460,112	2,226,901	1,102,268	3,356	930	-	-	5,793,567	-	232 1,100 3 19



District 9

Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		: Coal Used		Coal		Total Production Of Coal	Total Production Of Coke	Aver- age Days Worked	No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke						
Allison Engineering Co. No. 12 Tiptple & Cleaning Pl. Clarion Deep Mine (a)	Clarion	-	-	-	-	-	-	-	-	268	35	-	2
		-	-	-	-	-	-	-	-	120	4	-	-
		-	-	-	-	-	-	-	-	39	39	-	2
Bailey Estate, Robert Rolling Stone Tiptple Baughman Coal Co., Inc., R. D. Goshen Tiptple Jefferson Belford Coal Co. No. 6 Tiptple Benjamin Coal Co. Stronach Tiptple Luthersburg Tiptple	Clearfield Jefferson Clearfield Clearfield Clearfield	-	-	-	-	-	-	-	-	195 108 269 156 120	7 3 8 12 12	-	-
		-	-	-	-	-	-	-	-	24	24	-	-
Blue Valley Coal Co. Tiptple Brookside Coal Co. Tiptple C. & K. Coal Co. Tiptple Cally Coal Co. Proctor No. 3 (b) Flynn, William J. Flynn Fye, Elmer Wayne No. 2 G. M. & W. Coal Co., Inc. Aurora Gallagher Coal Co. Glen Irvan Corp. Moose Run Hepburnia Coal Co. Belfast Tiptple Hoffman Coal Co., J. E. Tiptple Kahle Coal Co. Tiptple	Elk Jefferson Clarion Elk Clearfield Jefferson Clearfield Elk Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield Clearfield Clarion	-	-	-	-	-	-	-	-	288 243 342 60 1149 220 251 245 236 213 308 309	4 5 28 4 2 3 27 4 75 4 5 5	-	-
		-	-	-	-	-	-	-	-	288	4	-	-
		-	-	-	-	-	-	-	-	243	5	-	-
		-	-	-	-	-	-	-	-	342	28	-	-
		-	-	-	-	-	-	-	-	60	4	-	-
		-	-	-	-	-	-	-	-	1149	2	-	-
		-	-	-	-	-	-	-	-	220	3	-	-
		-	-	-	-	-	-	-	-	251	27	-	-
		-	-	-	-	-	-	-	-	245	4	-	1
		-	-	-	-	-	-	-	-	236	75	-	-
		-	-	-	-	-	-	-	-	213	4	-	-
		-	-	-	-	-	-	-	-	308	5	-	-
		-	-	-	-	-	-	-	-	309	5	-	-

## District 9

[illegible]



# District 9

		Production Of Coal And Coke - Net Tons									
Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total		Total : Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	Used For Heat & Power At Mine	Used In Manufacture Of Coke	Production Of Coal	Production Of Coke	age : Days	No. Of Em-ployes
Westville Coal Co.	Jefferson	-	-	6,004	-	-	-	6,004	-	205	3
Zacherl Coal Co., Inc.	Clarion	-	-	-	-	-	-	-	-	219	3
Pippie		-	-	-	-	-	-	-	-	-	-
District Total		277,867	-	597,937	2,436	-	-	878,240	-	240	446
											15

NOTE: (a) New operation-moving equipment to new location.  
 (b) Mine closed during the month of June, 1969.  
 (c) Mine closed during the month of March, 1969.  
 (d) Mine closed during the month of November, 1969.

# District 10

Allegheny River Mining Co.	Armstrong	103,288	-	4,860	-	-	-	108,148	-	160	75	1	9
Cadogan No. 2 (a)	Armstrong	-	-	-	-	-	-	-	-	241	22	-	3
Harold No. 1 (b)	Armstrong	81,765	-	-	-	-	-	81,765	-	58	83	-	11
Walker No. 1-2-3	Armstrong	244,880	-	-	-	-	-	244,880	-	227	44	-	14
Total		429,933	-	4,860	-	-	-	434,793	-	224	224	1	37
Camertertown Coal & Coke Co.	Armstrong	-	-	-	-	-	215,653	215,653	171,916	249	82	-	5
Mahoning Creek	Armstrong	-	-	-	-	-	-	-	-	5	5	-	-
Mahoning Creek Cleaning Pl.	Armstrong	-	-	-	-	-	-	215,653	171,916	87	87	-	5
Total		-	-	-	-	-	-	-	-	-	-	-	-
Goldstroph Coal Co.	Armstrong	-	-	-	1,031	-	-	1,031	-	91	4	-	-
Powell Coal Co., Inc.	Armstrong	29,261	-	15,029	-	-	-	44,290	-	171	27	-	3
Decker No. 5	Armstrong	-	-	-	-	-	-	-	-	171	2	-	-
Decker No. 5 Cleaning Pl.	Armstrong	29,261	-	15,029	-	-	-	44,290	-	29	29	-	3
Total		-	-	-	-	-	-	-	-	-	-	-	-
Rochester & Pittsburgh Coal Co.	Armstrong	-	630,523(c)	-	-	-	-	630,523	-	232	143	-	34
Emilie No. 1-2	Armstrong	-	2,124,283(c)	-	-	-	-	2,124,283	-	226	378	-	43
Jane No. 1-2	Armstrong	-	555,628(c)	-	-	-	-	555,628	-	242	113	-	3
Margaret No. 7	Armstrong	-	3,310,434	-	-	-	-	3,310,434	-	634	634	-	80
Total		-	-	-	-	-	-	-	-	-	-	-	-



District 11

County	Production Of Coal And Coke - Net Tons										Fatal Accidents	Non-Fatal Accidents
	Shipped To Market		Coal Used		Coal Used In		Total Production		Average			
	By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	For Manufacture Of Coke	Total Of Coal	Total Of Coke	Days Worked	No. Of Employees		
Wells Brothers Coal Co.												
Wells No. 1	-	-	7,654	2,432	-	-	10,086	-	202	4	-	1
Wheeler Coal Co.												
Wheeler No. 10 (a)	-	-	250	-	-	-	250	-	39	3	-	-
Wood Coal Co.												
Metz	-	-	6,729	-	-	-	6,729	-	200	5	-	1
District Total	674,685	-	1,006,796	3,798	-	-	1,685,279	-	238	324	-	24

NOTE: (a) Temporarily closed.

## District 12

[illegible]



District 13

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		: Coal Used		Coal		Total		: Aver-	
		By Rail	By Water	By Domestic Trucks	By Domestic Purposes	Used At Mine	Used For Heat & Power	Production Of Coal	Production Of Coke	age Days	No. Of Em- ployes
National Mines Corp. (Continued)	Fayette	-	-	-	-	-	-	-	-	210	25
Isabella Preparation Plant	Fayette	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Ruane Coal & Coke Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Wynn Preparation Plant	Fayette	-	-	-	-	-	-	-	-	-	-
Stanley Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Forrest	Fayette	-	-	-	-	-	-	-	-	-	-
United States Steel Corp.	Fayette	-	-	-	-	-	-	-	-	-	-
Everson Shop	Fayette	-	-	-	-	-	-	-	-	-	-
Filbert Shop	Fayette	-	-	-	-	-	-	-	-	-	-
Leckrone Timber Treating	Fayette	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Weimer Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Sunshine No. 1 (b)	Fayette	-	-	-	-	-	-	-	-	-	-
Z. & M. Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Rodavich	Fayette	-	-	-	-	-	-	-	-	-	-
District Total		-	-	-	-	-	-	-	-	-	-

NOTE: (a) Mine sold during December, 1969.  
 (b) Mine temporarily closed on June 1, 1969.

District 14

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		: Coal Used		Coal		Total		: Aver-	
		By Rail	By Water	By Domestic Trucks	By Domestic Purposes	Used At Mine	Used For Heat & Power	Production Of Coal	Production Of Coke	age Days	No. Of Em- ployes
Arcadia Co., Inc., The	Indiana	-	-	-	-	-	-	-	-	220	6
No. 43 Tipple	Indiana	-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R. D.	Armstrong	-	-	-	-	-	-	-	-	-	-
Widnoon Tipple	Armstrong	-	-	-	-	-	-	-	-	-	-
Benjamin Coal Co.	Jefferson	-	-	-	-	-	-	-	-	-	-
No. 4 Tipple	Jefferson	-	-	-	-	-	-	-	-	-	-
Black Diamond Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-
Black Diamond (a)	Indiana	-	-	-	-	-	-	-	-	-	-
Black Diamond No. 2	Indiana	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Brocius, Harold E.	Armstrong	-	-	-	-	-	-	-	-	-	-
Brocius	Armstrong	-	-	-	-	-	-	-	-	-	-

## District 14

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal	Total : Aver- age Days Worked	No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		By Rail	By Water	By Truck	Domestic Purposes	For Heat & Power At Mine	Used For Manu- facture Of Coke					
Cannel Coal Co., Inc.	Armstrong	-	-	176	-	-	-	176	36	4	-	-
Cessna Coal Co.	Indiana	-	-	17,848	-	-	-	17,848	46	15	-	-
Cessna No. 3 (b)	Indiana	-	-	11,298	-	-	-	11,298	108	-	-	-
Cessna No. 4	Indiana	-	-	29,146	-	-	-	29,146	-	15	-	-
Total												
Davis Coal Co.	Indiana	-	-	-	-	-	-	-	100	3	-	-
Davis	Indiana	-	-	-	1,020	-	-	1,020	-	-	-	-
Dean Contractors, Inc., Ernest C.	Armstrong	-	-	-	-	-	-	-	213	8	-	-
Doverspike Tipple	Indiana	-	-	-	-	-	-	-	255	45	-	5
Doverspike Brothers Coal Co.	Jefferson	-	-	-	-	-	-	333,947	255	9	-	1
Sugar Camp	Jefferson	-	-	-	-	-	-	-	-	-	-	-
Cleaning Plant	Jefferson	-	-	-	-	-	-	333,947	-	54	-	6
Total												
Fairview Coal Co.	Jefferson	-	-	-	-	-	-	-	250	7	-	-
No. 5	Jefferson	-	-	-	-	-	-	13,028	-	-	-	-
Ferrara Coal Co.	Jefferson	-	-	-	1,121	-	-	1,121	136	3	-	-
Ferrara	Indiana	-	-	-	-	-	-	-	68	3	-	-
Fetterman Coal Co.	Jefferson	-	-	-	-	-	-	-	32	14	-	-
Tipple	Jefferson	-	-	-	-	-	-	11,323	-	-	-	-
Freedom Mining Co., Inc.	Jefferson	-	-	-	-	-	-	-	32	2	-	-
Wilton No. 1 (c)	Jefferson	-	-	-	-	-	-	466	-	-	-	-
Garzoni & Sons Coal Co.	Jefferson	-	-	-	-	-	-	-	100	2	-	-
Skede	Jefferson	-	-	-	-	-	-	-	253	26	-	1
Glenn Coal Co.	Jefferson	-	-	-	-	-	-	240,264	-	6	-	-
Coulter Tipple	Armstrong	-	-	-	-	-	-	-	253	32	-	1
Harman Coal Corp.	Armstrong	-	-	-	-	-	-	-	-	-	-	-
Harman No. 1	Armstrong	-	-	-	-	-	-	-	-	-	-	-
Cleaning Plant	Armstrong	-	-	-	-	-	-	240,264	-	32	-	-
Total												
Harman Co., Inc., Paul C.	Armstrong	-	-	-	-	-	-	-	86	2	-	-
McWilliam Tipple	Indiana	-	-	-	-	-	-	-	238	69	-	12
Johnstown Coal & Coke Co.	Indiana	-	-	-	-	-	-	228,972	-	6	-	-
Bear Run	Indiana	-	-	-	-	-	-	-	238	-	-	-
Cleaning Plant	Indiana	-	-	-	-	-	-	228,972	-	75	-	12
Total												
Kennedy Coal Co.	Jefferson	-	-	-	-	-	-	-	220	6	-	-
No. 4	Jefferson	-	-	-	-	-	-	21,339	-	-	-	-



## District 14

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal	Total Production Of Coke	Aver- age Days Of Em- ployes Worked	No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Manu- facture Of Coke						
Kniskley Coal Co.	Jefferson	27,055	-	-	1,450	-	-	28,505	-	200	20	-	-
Kraynak Coal Co.	Indiana	6,448	-	-	2,425	-	-	8,873	-	253	5	-	-
Markle-Bullers Coal Co.	Jefferson	74,044	-	-	-	-	-	74,044	-	119	42	-	3
Monnie, S. C.	Indiana	-	-	-	-	-	-	-	-	296	2	-	-
P. & N. Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	97	5	-	-
No. 8 Timpie	Jefferson	-	-	-	-	-	-	-	-	102	-	-	-
Valier Timpie	Jefferson	-	-	-	-	-	-	-	-	4	-	-	-
Dayton Timpie	Armstrong	-	-	-	-	-	-	-	-	53	-	-	-
Total		-	-	-	-	-	-	-	-	-	9	-	-
S. & R. Coal Co.	Indiana	-	-	-	177	-	-	177	-	25	2	-	-
S. & R. Smith Coal Co.	Indiana	-	-	-	1,832	-	-	1,832	-	195	2	-	-
United Industries, Inc.	Armstrong	-	-	-	-	-	-	-	-	26	3	-	-
Colwell Timpie	Armstrong	-	-	-	-	-	-	-	-	167	3	-	-
Markle Timpie	Jefferson	149,483	-	-	-	-	-	149,483	-	165	38	-	2
Schrock No. 3	Jefferson	-	-	-	-	-	-	-	-	62	5	-	1
Cleaning Plant	Jefferson	149,483	-	-	-	-	-	149,483	-	-	49	-	3
Total		-	-	-	-	-	-	-	-	-	-	-	-
District Total		1,116,118	-	32,870	7,009	33	-	1,156,030	-	178	384	-	27

NOTE: (a) Mine abandoned and sealed during August, 1969.  
 (b) Mine abandoned during June, 1969  
 (c) Mine abandoned and sealed during February, 1969  
 (d) Mine abandoned during August, 1969.



District 15

Operators And Mines	County	Production Of Coal And Coke - Net Tons											No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents		
		Shipped To Market		Coal Used		Coal		Used In		Total		Aver- age Days Worked					
		By Rail	By Water	By Truck	Domestic Purposes	Locally	For Heat & Power At Mine	For Manu- facture Of Coke	Total Production Of Coal	Total Production Of Coke							
Rochester & Pittsburgh Coal Co. (Continued)																	
Lucerne No. 3 Prep. Plant	Indiana	-	-	-	-	-	-	-	-	-	-	50	10	-	-	-	
Total		-	-	-	-	-	-	-	-	-	-	50	17	-	-	-	
Valley Coal Co.																	
Valley No. 8	Indiana	-	-	13,919	-	-	-	-	-	-	13,919	155	13	-	-	1	
Valley No. 11	Indiana	-	-	88,001	-	-	-	-	-	-	88,001	235	23	-	-	7	
Valley No. 12	Indiana	-	-	76,358	-	-	-	-	-	-	76,358	234	14	-	-	3	
Valley No. 2 Prep. Plant	Indiana	-	-	-	-	-	-	-	-	-	-	235	10	-	-	-	
Total		-	-	178,278	-	-	-	-	-	-	178,278	-	60	-	-	11	
District Total		-	-	1,660,226	-	-	-	-	-	-	1,660,226	83,338	208	594	-	16	

NOTE: (a) All working days were spent sealing mine.  
(b) 111,877 tons of coal were purchased for the manufacture of this coke.

## District 16

[illegible]

## District 16

		Production Of Coal And Coke - Net Tons											
		Shipped To Market		Coal Used		Coal		Used In		Total	Aver-		
		By	By	Locally	For Heat	For Heat	Manu-	Manu-	Manu-	Production	age	No.	
		Rail	Water	Truck	Domestic	& Power	At Mine	Of Coke	Of Coal	Of Coke	Of Coke	Of Em-	Fatal
Operators And Mines	County				Purposes							ployes	Acci-
													dents
<b>North American Coal Corp., The</b>													
Conemaugh No. 1	Indiana	-	266,692(c)	-	-	-	-	-	266,692	-	222	128	-
Conemaugh No. 1 Cleaning Plant	P.I. Indiana	-	-	-	-	-	-	-	-	-	222	6	-
Total		-	266,692	-	-	-	-	-	266,692	-	-	134	-
<b>Sunny Creek Coal Co., Inc.</b>													
Auld's Run	Indiana	-	-	90,082	-	-	-	-	90,082	-	218	24	-
Tadom Coal Corp.	Indiana	-	-	10,513	-	-	-	-	10,513	-	216	10	-
Black Beauty No. 1	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Tunnelton Mining Co.	Indiana	438,299	-	-	-	-	-	-	438,299	-	236	110	-
Marion (b)	Indiana	-	-	-	-	-	-	-	-	-	236	4	-
Marion Cleaning Plant	Indiana	438,299	-	-	-	-	-	-	438,299	-	-	114	-
Total		438,299	-	-	-	-	-	-	438,299	-	-	114	-
<b>Willowbrook Coal Co., Inc.</b>													
Josephine (b)	Indiana	84,764	-	-	-	-	-	-	84,764	-	193	40	-
Josephine Cleaning Plant	Indiana	-	-	-	-	-	-	-	-	-	193	3	-
Total		84,764	-	-	-	-	-	-	84,764	-	-	43	-
District Total		523,063	1,561,509(c)	338,872	8,899	-	-	-	2,432,343	-	218	871	1 93

NOTE:

- (a) Mines abandoned during 1969.
- (b) Mines with safety zones established under Act 729.
- (c) Coal shipped by belt conveyor to plant.
- (d) New mines opened during 1969.
- (e) This accident occurred while the Williamson Shaft & Slope Company was engaged in sinking a new shaft for the Helen Mining Company.

## District 17

Associated Drilling, Inc.	244,535	-	-	-	244,535	-	262	40	1
Kephart									
Bailey Estate, Robert									
Grassflat Preparation Pl.	-	-	-	-	-	-	195	7	-
Barnhart Coal Co.									
Barnhart No. 2	-	-	2,735	-	2,735	-	131	2	-
Bradford Coal Co., Inc.									
Shannon No. 1 Prep. Plant	-	-	-	-	-	-	294	9	-
Aurora No. 1 Prep. Plant	-	-	-	-	-	-	219	13	-
Total	-	-	-	-	-	-	22	22	-

## District 17

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		By Truck		By Domestic Purposes		Coal Used For Heat & Power At Mine		Coal Used In Manufacture Of Coke		Total Production Of Coal		Total Production Of Coke		Average Days Worked		No. Of Employees		Fatal Accidents		Non-fatal Accidents	
		By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water	By Rail	By Water
Cambria Mills Coal Co. Apple No. 4 (a) Carlin, Inc., R. S. Snow Shoe Preparation Pl. Renova Preparation Plant Total	Clearfield	9,358	-	-	-	221	-	-	-	-	-	9,579	-	-	-	211	3	-	-	-	-	-	-
Centre	Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	258	5	-	-	-	-	-	-
Clinton	Clinton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	258	5	-	-	-	-	-	-
Elliot Coal Mining Co., Inc. Eicoal No. 1 F. & K. No. 1 (b) Rose Mary Wilbor No. 1 Prep. Plant & Truckers Total	Clearfield	136,902	-	-	-	-	-	-	-	-	-	136,902	-	-	-	285	40	-	-	-	-	-	5
Centre	Centre	36,010	-	-	-	-	-	-	-	-	-	36,010	-	-	-	203	23	-	-	-	-	-	2
Clearfield	Clearfield	3,075	-	-	-	-	-	-	-	-	-	3,075	-	-	-	72	21	-	-	-	-	-	-
Centre	Centre	-	-	-	-	70,820	-	-	-	-	-	70,820	-	-	-	258	18	-	-	-	-	-	3
Centre	Centre	175,987	-	-	-	70,820	-	-	-	-	-	246,807	-	-	-	285	28	-	-	-	-	-	10
Empire Coal Co. Camos No. 1 Prep. Plant Falls Creek Coal Co. Falls Creek No. 1 Fisher Mining Co. Fisher Tipple Flango Brothers Coal Co. Leland No. 10 Tipple Leland Coal Co. Granville No. 5 Ginter No. 1 Total	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249	6	1	1	-	-	-	-
Bradford	Bradford	-	-	-	-	-	-	-	-	-	-	300	-	-	-	60	2	-	-	-	-	-	-
Lycoming	Lycoming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	293	2	-	-	-	-	-	-
Clearfield	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	310	3	-	-	-	-	-	-
Centre	Centre	9,190	-	-	-	-	-	-	-	-	-	9,190	-	-	-	231	10	-	-	-	-	-	-
Clearfield	Clearfield	1,500	-	-	-	-	-	-	-	-	-	1,500	-	-	-	28	6	-	-	-	-	-	-
Clearfield	Clearfield	10,690	-	-	-	-	-	-	-	-	-	10,690	-	-	-	-	16	-	-	-	-	-	-
Jones & Brague Mining Co. Cleaning Plants & Tipples Laurel Hill Coal Co. Laurel Hill No. 1 North Camp Mining Co. North Camp No. 1 North Camp No. 3 Benjamin No. 3 Prep. Plant Benjamin No. 5 Prep. Plant Total	Toga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	272	16	-	-	-	-	-	-
Centre	Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	2	-	-	-	-	-	-
Clearfield	Clearfield	40,479	-	-	-	-	-	-	-	-	-	40,479	-	-	-	248	10	-	-	-	-	-	-
Clearfield	Clearfield	122,176	-	-	-	-	-	-	-	-	-	122,176	-	-	-	249	32	-	-	-	-	-	4
Clearfield	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	279	17	-	-	-	-	-	3
Clearfield	Clearfield	162,655	-	-	-	-	-	-	-	-	-	162,655	-	-	-	13	11	-	-	-	-	-	-
Powell Coal Co., C. E. Irvona Tipple No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228	7	-	-	-	-	-	-

## District 17

Production Of Coal And Coke - Net Tons									
Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal	Total : Average Production : Days Of Coke Worked
		By Rail	By Water	By Truck	For Domestic Purposes	At Mine	Used For Heat & Power		
Radomsky Coal Co., George Driscoll Hollow No. 7 (c)	Cambria	50,750	-	-	-	-	-	50,750	125 39 - 2
River Hill Coal Co., Inc.									
River Hill No. 3 (a)	Clearfield	8,335	-	-	-	-	-	8,335	52 10 -
Winburne Preparation Plant	Clearfield	-	-	-	-	-	-	-	233 4 -
Cooks Run Preparation Pl.	Clinton	-	-	-	-	-	-	-	254 4 -
Total		8,335	-	-	-	-	-	8,335	18 - 1
Rushton Mining Co.									
Rushton	Centre	495,909	-	-	-	-	-	495,909	228 123 1 18
Stott Coal Co., Inc., James M. Belfast No. 14 Tipple	Centre	-	-	-	-	-	-	-	240 4 -
Thompson Brothers Coal Co., Inc.									
Thompson	Clearfield	-	-	-	-	-	-	-	105 9 -
Cunard Tipple									
District Total		1,128,219	-	71,041	3,750	-	-	1,203,010	218 531 2 40

NOTE: (a) Mine temporarily abandoned.  
 (b) Mine completed on September 1, 1969.  
 (c) Mine ceased operation on August 29, 1969.

## District 18

Barnes & Tucker Co.									
Lancashire No. 15 (a)	Cambria	213,286	-	-	-	-	-	213,286	100 65 - 4
Lancashire No. 24B	Indiana	883,632	-	-	-	152	-	1,000,251	271 292 - 31
Lancashire No. 24D	Indiana	1,194,675	-	-	-	-	-	1,194,675	269 300 - 56
Nos. 24B & 24D Cleaning Pl.	Indiana	-	-	-	-	-	-	-	269 15 -
Lancashire No. 25	Cambria	417,389	-	-	-	270	-	423,861	266 176 - 25
No. 25 Cleaning Plant	Cambria	-	-	-	-	-	-	-	266 3 -
Total		2,708,982	-	-	-	422	-	2,832,073	851 - 116
Barr Coal Corp.									
Moss Creek No. 3	Cambria	80,926	-	-	-	-	-	80,926	228 21 - 4
Moss Creek No. 4 (b)	Cambria	6,146	-	-	-	-	-	6,146	43 10 - 2
Total		87,072	-	-	-	-	-	87,072	31 - 6
Channel Coal Corp.									
Sheree (c)	Cambria	18,400	-	-	-	-	-	18,400	51 17 -



## District 18

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal		Total Production Of Coke	
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	For Manufacture Of Coke	Of Coal	Of Coke	Days Worked	Average Age Of Employees
Dixon Run Coal Co. No. 2	Cambria	103,867	-	-	-	-	-	103,867	-	271	21
Garay Coal Co. Sterling No. 9	Cambria	-	-	-	2,738	-	-	2,738	-	160	3
Hepburnia Coal Co. Lula May (d)	Cambria	111,736	-	-	-	-	-	111,736	-	168	8
Hill Top Coal Co. Lydic	Cambria	-	-	-	470	-	-	470	-	181	2
Holtz Coal Co., A. E.	Cambria	-	-	-	3,757	-	-	3,757	-	200	4
Holtz Coal Co., C. B.	Cambria	-	-	-	573	-	-	573	-	180	3
Panaro Brothers Coal Co. Smith (e)	Cambria	-	-	-	87	-	-	87	-	21	3
Spensky Coal Co.	Cambria	-	-	-	1,776	-	-	1,776	-	110	3
Tocarchick Coal Co. Victor No. 9	Cambria	-	-	-	500	-	-	500	-	172	3
Woods Coal Co.	Cambria	-	-	-	681	-	-	681	-	172	1
District Total		2,933,057	-	-	133,251	422	-	3,066,730	-	247	950

NOTE: (a) Ceased operation during July, 1969.

(b) Ceased operation during November, 1969.

(c) Ceased operation during April, 1969.

(d) Ceased operation during October, 1969.

(e) Ceased operation during February, 1969.

## District 19

Bethlehem Mines Corp. No. 32	Cambria	600,065	-	-	-	-	-	600,065	-	238	374
Eastern Associated Coal Corp. Colver "B"	Cambria	650,712	-	700	9,017	2,191	-	662,620	-	256	292
Colver Cleaning Plant	Cambria	-	-	-	-	-	-	-	-	256	1
Total		650,712	-	700	9,017	2,191	-	662,620	-	296	35
District Total		1,250,777	-	700	9,017	2,191	-	1,262,685	-	246	670

## District 20

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal	Total : Aver- tion : Days Of Coke: Worked	No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		By Rail	By Water	By Truck	Locally For Domestic Purposes	For Heat & Power At Mine	Manu- facture Of Coke					
Bethlehem Mines Corp. No. 31	Cambria	615,756	-	-	-	-	-	615,756	235	358	2	14
No. 77	Cambria	-	-	395,981	-	-	-	395,981	243	172	-	2
No. 77 Cleaning Plant	Cambria	-	-	-	-	-	-	-	10	10	-	-
Total		615,756	-	395,981	-	-	-	1,011,737	-	540	2	16
Commercial Coal Co. Commercial No. 4	Cambria	-	-	-	1,323	-	-	1,323	117	3	-	-
D. & J. Coal Co. D. & J.	Cambria	-	-	-	2,055	10	-	2,065	178	3	-	-
Laurel Valley Coal Co., Inc. Laurel	Cambria	-	-	-	5,277	-	-	5,277	116	9	-	-
Standard Collieries, Inc. Conemaugh	Cambria	-	-	-	541	-	-	541	32	3	-	-
Vinton Coal Co. Vinton No. 3	Cambria	-	-	-	1,219	-	-	1,219	105	4	-	-
District Total		615,756	-	395,981	10,415	10	-	1,022,162	233	562	2	16

## District 21

Bethlehem Mines Corp. No. 73	Cambria	-	-	157,990	-	-	-	157,990	242	54	-	-
Bird Coal Co. Bird No. 2	Somerset	417,845	-	-	-	-	-	417,845	268	196	2	14
Bird No. 3	Cambria	433,135	-	-	-	-	-	433,135	268	167	-	6
Bird Processing Plant	Cambria	-	-	-	-	-	-	-	268	30	-	-
Total		850,980	-	-	-	-	-	850,980	393	393	2	20
Chappel & Sady Coal Co. Lack Run (a)	Cambria	-	-	300	-	-	-	300	100	2	-	-
Cooney Brothers Coal Co. Sonman Processing Plant	Cambria	-	-	-	-	-	-	-	225	8	-	-
Onnilinda Processing Plant	Cambria	-	-	-	-	-	-	-	150	4	-	-
Total		-	-	-	-	-	-	-	12	12	-	-
Dalton Run Coal Co. No. 3	Cambria	-	-	11,502	-	-	-	11,502	150	15	1	-

# District 21

		Production Of Coal And Coke - Net Tons									
Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal		Total Production Of Coke	
		By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke	Of Coal	Days Worked	Of Coke	Days Worked
H. W. Z. Coal Co.	Cambria	-	-	1,251	-	-	-	1,251	170	7	-
Benscreek No. 2	Cambria	165,841	-	-	200	100	-	166,141	227	71	1
Jandy Coal Co., Inc.	Cambria	-	-	-	-	-	-	-	227	17	-
Eureka No. 10 Upper	Cambria	165,841	-	-	200	100	-	166,141	88	-	1
No. 40 Up. Processing Pl.	Total	-	-	-	-	-	-	-	-	-	-
Lonely Coal Co.	Cambria	-	-	2,433	-	-	-	2,433	142	4	-
Meske Coal Co.	Cambria	-	-	2,533	-	-	-	2,533	111	4	-
Meske	Cambria	-	-	500	-	-	-	500	50	3	-
Ohio Street Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
Ohio Street (b)	Cambria	-	-	-	-	-	-	-	-	-	-
Pennsylvania Coal & Coke, Div. of	Cambria	-	-	-	-	-	-	-	-	-	-
Colt Industries, Inc.	Cambria	358,744	-	-	3,093	110	-	361,947	215	117	10
Ehrenfeld No. 8	Cambria	-	-	-	-	-	-	-	215	20	-
Ehrenfeld Processing Plant	Cambria	358,744	-	-	3,093	110	-	361,947	137	-	10
Total		-	-	-	-	-	-	-	-	-	-
Roxby Coal Co.	Cambria	-	-	-	-	-	-	-	150	4	-
Ruthford Processing Pl. (c)	Cambria	-	-	-	-	-	-	-	-	-	-
Shuster Coal Co.	Cambria	-	-	15,738	-	-	-	15,738	215	6	-
No. 2	Cambria	-	-	-	-	-	-	-	-	-	-
District Total		1,375,565	-	192,247	3,293	210	-	1,571,315	243	729	31

(c) Formerly operated by Dunlo Construction Company who worked 60 days with the same number of employees.

# District 22

Ace Coal Co.	Huntingdon	-	-	323	-	-	-	323	30	2	-
Chamberlain No. 3 (a)	Huntingdon	-	-	-	-	-	-	-	-	-	-
"B" Quality Coal Co., The	Somerset	12,698	-	-	3,452	-	-	16,150	202	10	1
"B" Quality No. 8	Somerset	-	-	-	-	-	-	-	-	-	-
Barton Coal Co.	Bedford	-	-	-	2,570	-	-	2,570	169	3	-
Figard No. 3	Bedford	-	-	-	-	-	-	-	-	-	-
Bloom Coal Co.	Somerset	665	-	-	805	-	-	1,470	124	1	-
Bloom No. 2	Somerset	-	-	-	-	-	-	-	-	-	-

NOTE: (a) Mine closed during May, 1969.  
(b) Mine closed during June, 1969.

## District 22

Production Of Coal And Coke - Net Tons												
County	Operators And Mines	Shipped To Market			Coal Used		Coal		Total : Produc- tion : Of Coke	Aver- age Days Worked	No. Of Em- ployes	Fatal Acci- dents
		By Rail	By Water	Truck	Locally For Domestic Purposes	For Heat & Power At Mine	Used In Manu- facture Of Coke					
Somerset	Country Club Coal Co.	-	-	10,002	15,501	-	-	25,503	-	207	18	1
Somerset	Country Club No. 6	2,178	-	5,632	11,074	-	-	18,884	-	185	15	-
	Country Club No. 7 (b)	2,178	-	15,634	26,575	-	-	44,387	-	33	-	1
	Total											
Somerset	Custer Coal Co., Inc., Boyd L.	-	-	24,618	-	-	-	24,618	-	133	14	1
Somerset	Custer No. 2 (c)	-	-	100	-	-	-	100	-	12	2	-
Somerset	D. & M. Coal Co.	-	-	4,479	-	-	-	4,479	-	111	5	1
Somerset	Dalton Run Coal Co.	-	-	-	-	-	-	-	-	101	2	-
Somerset	Dalton Run No. 2	-	-	-	-	-	-	-	-	229	7	-
Somerset	Ferko (e)	-	-	-	574	-	-	574	-	199	1	-
Somerset	Fetterolf Coal Co., Inc., M. F.	-	-	-	-	-	-	-	-	230	2	-
Somerset	Rockingham Tipple (f)	-	-	-	-	-	-	-	-	146	2	-
Somerset	Grela Coal Co., Walter G.	-	-	-	594	-	-	594	-	66	2	-
Somerset	Grela	-	-	-	-	-	-	-	-	200	4	-
Somerset	Heshbon Coal Co.	-	-	-	-	-	-	-	-	220	3	-
Somerset	Eureka No. 36 Tipple	-	-	-	-	-	-	-	-	123	3	-
Somerset	Hoffman Coal Co.	-	-	-	2,221	-	-	2,221	-	214	30	7
Somerset	Hoffman No. 3	-	-	-	-	-	-	-	-	215	60	11
Somerset	Horsehoe Coal Co.	-	-	-	532	-	-	532	-	302	478	18
Somerset	Horsehoe	-	-	-	-	-	-	-	-	-	-	-
Somerset	Horwitz Coal Co.	-	-	-	5,997	-	-	5,997	-	-	-	-
Somerset	Horwitz No. 2	-	-	-	-	-	-	-	-	-	-	-
Somerset	Hritz, George	-	-	7,304	-	-	-	7,304	-	-	-	-
Somerset	Hritz No. 2	-	-	-	-	-	-	-	-	-	-	-
Somerset	Huskin Run Coal Co.	-	-	-	-	-	-	-	-	-	-	-
Somerset	Huskin Run Tipple (g)	-	-	-	-	-	-	-	-	-	-	-
Somerset	J. R. Sales, Inc.	-	-	-	-	-	-	-	-	-	-	-
Somerset	East Windbor No. 4	12,470	-	95,411	-	-	-	107,881	-	214	30	7
Somerset	Shade No. 1	194,597	-	-	-	-	-	194,597	-	215	60	11
	Total	207,067	-	95,411	-	-	-	302,478	-	90	18	-
Somerset	J. T. Coal Co.	-	-	43,172	-	-	-	43,172	-	230	18	2
Somerset	J. T. No. 1 (h)	-	-	-	-	-	-	-	-	213	5	-
Somerset	Lambert, Niowich Coal Co.	1,376	-	-	7,763	-	-	9,139	-	143	12	-
Somerset	Bloom No. 1 (i)	-	-	-	-	-	-	-	-	-	-	-
Somerset	Manion Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-	-
Somerset	Manion No. 1	-	-	-	7,119	-	-	7,119	-	-	-	-

## District 22

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal	Total Production Of Coke		No. Of Employees	Fatal Accidents	Non-Fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Manufacture Of Coke		Days Worked	Of Coke			
Martin Coal Co., Wm. H.													
Bacon No. 9	Bedford	-	-	-	1,500	-	-	1,500	-	-	182	5	-
P.B.S. Coals, Inc.													
Shade Creek Cleaning Plant	Somerset	-	-	-	-	-	-	-	-	-	287	17	-
Potochar & Potochar Coal Co.													
Potochar No. 2	Somerset	-	-	-	9,225	-	-	9,225	-	-	238	3	-
Reitz Coal Co.													
Reitz No. 4 Cleaning Plant	Somerset	-	-	-	-	-	-	-	-	-	228	18	-
Richland Coal Corp.													
Eureka No. 35 Lower	Somerset	-	-	-	4,000	-	-	4,000	-	-	157	4	-
Shade Valley Coal Co.													
Reitz No. 5	Somerset	14,142	-	-	3,600	-	-	18,342	-	-	225	16	3
Shubert & Kraylik Coal Co.													
Shubert & Kraylik (1)	Somerset	-	-	-	1,657	-	-	1,657	-	-	90	4	-
Simon Coal Co.													
Harriett No. 6 (k)	Bedford	-	-	-	65	-	-	65	-	-	13	2	-
Solar Fuel Co.													
Solar Fuel No. 3	Somerset	134,298	-	-	-	-	-	134,298	-	-	260	24	-
Solar Fuel No. 4	Somerset	202,566	-	-	-	-	-	202,566	-	-	260	34	1
Solar Fuel Tipples	Somerset	-	-	-	-	-	-	-	-	-	260	16	-
Total		336,884	-	-	-	-	-	336,884	-	-	74	1	1
T. L. S. Coal Co.													
No. 3-B (1)	Somerset	-	-	-	8,276	-	-	8,276	-	-	147	10	-
Valent Coal Co.													
Valent	Somerset	-	-	-	378	-	-	378	-	-	129	2	-
Valley Coal Co.													
Cairnbrook No. 9 (m)	Somerset	-	-	-	26,354	-	-	26,354	-	-	212	18	-
Zurenda Coal Co.													
Zurenda (n)	Somerset	-	-	-	627	-	-	627	-	-	100	2	-
District Total		574,990	-	-	238,173	67,352	-	880,515	-	-	208	396	1

NOTE: (a) Ceased operating on March 31, 1969.  
 (b) Formerly operated as the Eureka No. 35 Upper Mine of the Dell Coal Company which produced 13,781 tons of this coal and worked 115 days with 16 employees. Country Club Coal Company began operating this mine on September 1, 1969.  
 (c) Completed operations on August 15, 1969.  
 (d) Mine worked 6 days in July and 14 days in August and then ceased operations.

## District 22

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal		Total		Total	
		By	By	Locally	Used	For Heat	Manu-	Production	Age	No.	Non-
		Rail	Water	For	At Mine	facture	Of Coke	Of Coal	Days	Of Em-	Fatal
				Domestic	Purposes	Of Coke			Worked	ployes	Acci-
											dents

## NOTE:

- (e) Temporarily closed on March 31, 1969.  
 (f) This tipple began operating on March 1, 1969.  
 (g) Prior to March 1, 1969, this tipple was operated by the C. & K. Coal Co.  
 (h) Formerly operated as the Bahorik No. 1 Mine of the Bahorik Coal Company which produced 4,658 tons of this coal and worked 22 days with 17 employees.  
 The J. F. Coal Company began operating this mine on January 31, 1969.  
 (i) This mine was previously operated by the Bloom Coal Company.  
 (j) Mine ceased operations on May 15, 1969.  
 (k) Mine began operations on November 1, 1969.  
 (l) Mine began operations on April 9, 1969, and ceased operations on October 30, 1969.  
 (m) Formerly operated as the Dalton Run No. 4 Mine of the Dalton Run Coal Company which produced 18,196 tons of this coal and worked 159 days with 14 employees. The Valley Coal Company began operating this mine on October 15, 1969.  
 (n) Mine temporarily closed.

## District 23

Bittner Coal Co. No. 3 (a)	Somerset	-	-	72	-	-	-	72	-	12	1	-
Burk & Ernst Coal Co. Burk (b)	Somerset	4,187	-	-	-	-	-	4,187	-	121	4	-
Cambria Fuel Co. Cambria Tipple	Somerset	-	-	-	-	-	-	-	-	285	8	-
Cicciarella, Joseph Cicciarella	Somerset	-	-	30	-	-	-	30	-	20	2	-
Coal Junction Coal Co. Coal Junction Tipple	Somerset	-	-	-	-	-	-	-	-	285	3	-
Decker Construction Co. Shober Tipple	Somerset	-	-	-	-	-	-	-	-	200	3	-
Denise Coal Co. Denise No. 1 Tipple	Somerset	-	-	-	-	-	-	-	-	258	8	-
Fetterolf Coal Co., Inc., M. F. Fetterolf Tipple	Somerset	-	-	-	-	-	-	-	-	305	9	-
G. M. & W. Coal Co., Inc. Grove	Somerset	-	-	48,339	-	-	-	48,339	-	190	18	1
Law & Kennedy Coal Co. No. 17D	Somerset	3,000	-	-	-	-	-	3,000	-	176	2	-



## District 23

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	By Coal For Heat & Power At Mine	Locally Used For Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Average Days Worked	Non-fatal Accidents
Luce & Kowalewski L. & K. No. 22	Somerset	-	-	10,106	-	-	-	10,106	-	251	8
Miller, Carl F.	Somerset	-	-	1,774	-	-	-	1,774	-	224	1
Moore Coal Co.	Somerset	-	-	-	543	-	-	543	-	90	3
Petrosky, Victor	Westmoreland	-	-	-	200	-	-	200	-	108	2
Petrosky's	Westmoreland	-	-	-	840	-	-	840	-	126	3
Watson No. 5 (c) Ponfeigh Smokeless Coal Co.	Somerset	-	-	-	-	-	-	-	-	269	7
Pon. Mt. Valley Tipple (d)	Somerset	-	-	-	-	-	-	-	-	239	8
Scurfield Coal Co.	Somerset	-	-	-	-	-	-	-	-	48	1
Scurfield Tumble	Somerset	-	-	-	-	-	-	-	-	260	4
Shaffer, Nevin L.	Somerset	-	-	-	-	-	-	-	-	139	1
Shaffer	Somerset	-	-	-	-	-	-	-	-	220	13
Snyder, Everett R.	Somerset	7,483	-	-	-	-	-	7,483	-	240	6
Snyder No. 18	Westmoreland	-	-	-	600	-	-	600	-	19	-
Spewock, Theodore	Somerset	-	-	-	-	-	-	-	-	-	-
Clark Hollow	Somerset	32,441	-	-	-	-	-	32,441	-	-	-
Svonavec, Inc.	Somerset	32,441	-	-	-	-	-	32,441	-	-	-
Svonavec	Somerset	-	-	-	-	-	-	-	-	-	-
Svonavec Tipple	Somerset	-	-	-	-	-	-	-	-	-	-
Thomas, Samuel	Somerset	-	-	91	5	-	-	96	-	21	2
Thomas No. 2	Somerset	-	-	19,871	-	-	-	19,871	-	233	8
Trent Coal Co.	Westmoreland	-	-	220	-	-	-	220	-	69	3
Trent		-	-	-	-	-	-	-	-	-	-
Turcheck, J. J.		47,111	-	80,401	2,435	-	-	129,947	-	214	128
Turcheck		-	-	-	-	-	-	-	-	-	1
District Total											

NOTE: (a) Mine was abandoned on January 18, 1969.

(b) Formerly operated by Charles Burk, Jr., who mined 2,759 tons of this coal and worked 63 days with 4 employees.

(c) Formerly operated by the Miller Run Coal &amp; Stone Company.

(d) Formerly operated by W. A. Merrill Sons &amp; Company.

## District 24

Operators And Mines	County	Production Of Coal And Coke - Net Tons													
		Shipped To Market		Coal Used		Coal Used		Total Production		Total Production		Fatal Accidents			
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke	Produced At Mine	Produced Elsewhere	Of Coal	Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-Fatal Accidents
Balsano Coal Co.	Cambria	-	-	-	1,912	-	-	-	-	1,912	-	130	4	-	-
Barnes & Tucker Co.	Cambria	893,625	-	-	-	-	-	-	-	893,625	-	263	248	-	54
Lancashire No. 20	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barnhart Coal Co.	Cambria	-	-	-	4,230	-	-	-	-	4,230	-	226	2	-	-
Bethlehem Mines Corp.	Cambria	864,737	-	102,228	-	-	-	-	-	966,965	-	238	428	-	12
Cambria Slope No. 33	Cambria	-	-	-	-	-	-	-	-	-	-	238	83	-	-
Preparation Plant	Cambria	864,737	-	102,228	-	-	-	-	-	966,965	-	511	-	12	-
Total															
Hertzog Coal Co.	Cambria	-	-	-	1,167	-	-	-	-	1,167	-	212	2	-	-
Hughes & Co., C. A.	Cambria	-	-	-	-	-	-	-	-	-	-	264	2	-	-
Lilly Tipple	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K. & K. Coal Co.	Blair	-	-	-	2,212	-	-	-	-	2,212	-	184	6	-	-
Krise Brothers Coal Co.	Cambria	-	-	-	5	-	-	-	-	5	-	2	2	-	-
No. 1 (a)	Cambria	-	-	-	-	-	-	-	-	-	-	86	12	-	-
Lamp Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flinton Tipple (b)	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lilly Mining Co.	Cambria	1,522	-	-	-	-	-	-	-	1,522	-	219	3	-	-
Standard No. 2	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miller Brothers Coal Co.	Cambria	-	-	2,072	-	-	-	-	-	2,072	-	72	9	-	-
Miller No. 1 (c)	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hope Coal Co.	Cambria	1,673	-	220	110	-	-	-	-	2,003	-	219	3	-	-
Air Way	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scott Brothers Coal Co.	Cambria	5,472	-	18,086	-	-	-	-	-	23,558	-	249	22	-	5
Troxell No. 2	Cambria	-	-	-	-	-	-	-	-	-	-	249	2	-	-
Troxell No. 2 Tipple	Cambria	5,472	-	18,086	-	-	-	-	-	23,558	-	249	24	-	-
Total															
Standard Mining Co.	Cambria	787	-	-	-	-	-	-	-	787	-	106	2	-	-
Standard No. 1 (d)	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stella Maris Coal Co.	Cambria	-	-	-	1,039	11	-	-	-	1,050	-	250	1	-	-
Stella Maris	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Super Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Super No. 3 (e)	Cambria	-	-	-	1,645	-	-	-	-	1,645	-	76	3	-	-
Barnhart No. 3	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		1,767,816	-	122,606	12,320	11	-	-	-	1,902,753	-	239	834	-	71

# District 24

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal	Total Production Of Coke	Average Days Of Worked	No. Of Employees	Fatal Accidents
		By Rail	By Water	By Domestic Truck	For Purposes	Used For Heat & Power At Mine	Used In Manufacture Of Coke					

NOTE: (a) Ceased operating during January, 1969.

(b) Ceased operating during May, 1969.

(c) Ceased operating during April, 1969.

(d) Ceased operating during July, 1969.

(e) New mine opened during August, 1969.

# District 25

Allied Fuels & Materials, Inc.												
Strip Permit No. 471-3	Venango	-	-	92,400	-	-	-	92,400	-	308	6	-
Ambrosia Coal & Construction Co.												
Strip Permit No. 103-1	Lawrence	-	-	20,184	-	-	-	20,184	-	258	3	-
Strip Permit No. 103-4	Lawrence	-	-	5,358	-	-	-	5,358	-	234	5	1
Strip Permit No. 103-5	Lawrence	-	-	114,893	-	-	-	114,893	-	310	9	2
Strip Permit No. 103-6	Mercer	1,955	-	53,313	-	-	-	55,268	-	310	7	-
Strip Permit No. 103-7	Lawrence	-	-	2,200	-	-	-	2,200	-	20	6	-
Strip Permit No. 103-8	Lawrence	-	-	37,660	-	-	-	37,660	-	310	5	-
Total		1,955	-	233,808	-	-	-	235,563	-	35	35	-
Atwell Coal Co.												
Strip Permit No. 394-2	Venango	-	-	13,350	-	-	-	13,350	-	79	5	-
Blum Coal Co.												
Strip Permit No. 421-2	Beaver	-	-	6,910	-	-	-	6,910	-	126	2	-
Strip Permit No. 421-3	Beaver	-	-	2,976	-	-	-	2,976	-	87	2	-
Total		-	-	9,886	-	-	-	9,886	-	14	4	-
Carlson Mining												
Strip Permit No. 187-1	Lawrence	-	-	10,295	-	5	-	10,300	-	248	2	-
Center Coal Co.												
Strip Permit No. 204-2	Mercer	5,543	-	1,165	-	15	-	6,723	-	117	7	-
Clark Coal Co.												
Strip Permit No. 498-2	Mercer	12,391	-	24,476	-	-	-	36,867	-	251	5	-
Darlington Brick & Clay Co.												
Strip Permit No. 336-3	Beaver	-	-	7,700	-	-	-	7,700	-	282	3	-
DeMarsh Coal, Theodore												
Strip Permit No. 62-9	Lawrence	-	-	37,900	-	-	-	37,900	-	300	4	-
Dodds Coal Co.												
Strip Permit No. 6-4	Beaver	-	-	33,550	-	-	-	33,550	-	326	12	-
Strip Permit No. 6-5	Beaver	-	-	9,356	-	-	-	9,356	-	216	6	-
Strip Permit No. 6-6	Lawrence	-	-	82,211	-	-	-	82,211	-	319	14	-
Auger B&M-364	Beaver	-	-	29,598	-	-	-	29,598	-	202	6	-
Total		-	-	154,715	-	-	-	154,715	-	38	38	-



## District 25

Operators And Mines		Production Of Coal And Coke - Net Tons										Non-fatal Accidents	
		Shipped To Market		Coal Used		Coal Used In		Total Production		Average Days Worked			
By	By	By	By	For Heat & Power	At Mine	Of Coal	Of Coke	Of Coal	Of Coke	Of Coal	Of Coke	No. Of Employees	Fatal Accidents
Rail	Water	Truck	Purposes										
Voon, Inc., Ralph A. (Continued)													
-	-	-	12,954	-	-	-	-	12,954	-	308	9	1	-
-	-	-	63,017	-	-	-	-	63,017	-	308	13	1	-
-	-	-	14,579	-	-	-	-	14,579	-	308	6	-	-
-	-	-	8,634	-	-	-	-	8,634	-	308	8	-	-
-	-	-	3,281	-	-	-	-	3,281	-	50	3	-	-
-	-	-	166,625	-	-	-	-	166,625	-	-	61	-	-
Willowbrook Mining Co.													
-	-	-	178,861	-	-	-	-	178,861	-	287	14	1	-
Winger Coal Co.													
-	-	-	52,622	23	-	-	-	52,645	-	235	9	-	-
-	-	-	21,927	-	-	-	-	21,927	-	78	9	-	-
-	-	-	74,549	23	-	-	-	74,572	-	-	18	-	-
Zacherl Coal Co., Inc.													
1,210	-	11,000	-	101	-	-	-	12,311	-	219	6	-	-
251,198	-	1,463,496	6,871	140	-	-	-	1,721,705	-	222	399	-	12
District Total													

## District 26

Alice Coal Co.	Strip Permit No. 35-1	Allegheny	-	413,371	-	-	413,371	-	240	47	4
	Apex Co., Inc.		-	-	-	-	-	-	-	-	-
	Strip Permit No. 197-1	Allegheny	-	10,567	-	-	10,567	-	310	4	-
	Bartins, Stanley		-	-	-	-	-	-	-	-	-
	Strip Permit No. 303-1	Washington	-	1,034	-	-	1,034	-	42	2	-
	Bologna Mining Co.		-	-	-	-	-	-	-	-	-
	Strip Permit No. 248-10(a)	Washington	-	5,402	-	-	5,402	-	116	5	-
	Strip Permit No. 248-11(a)	Washington	-	34,189	-	-	34,189	-	146	7	-
	Strip Permit No. 248-13	Washington	-	8,467	-	-	8,467	-	69	4	-
	Strip Permit No. 248-14	Washington	-	4,559	-	-	4,559	-	21	5	-
	Auger BAM-323	Washington	-	5,409	-	-	5,409	-	53	4	-
	Auger BAM-369	Washington	-	1,474	-	-	1,474	-	23	5	-
	Auger BAM-369	Washington	-	59,800	-	-	59,800	-	-	30	-
Total			-	59,800	-	-	59,800	-	-	-	-

## District 26

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Used In		Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Locally	For Manufacture Of Coke	Manufacture Of Coke						
Fiore, Fred	Strip Permit No. 349-1 (b)	-	-	4,127	-	-	-	-	-	4,127	-	20	2	-	-
	Strip Permit No. 349-2 (b)	-	-	27,835	-	-	-	-	-	27,835	-	90	2	-	-
	Total	-	-	31,962	-	-	-	-	-	31,962	-		4	-	-
Fiore Development Co.	Strip Permit No. 305-7	-	-	13,509	-	-	-	-	-	13,509	-	209	2	-	-
	Kutsenkow, George	-	-	17,895	-	-	-	-	-	17,895	-	175	3	-	-
	Marsolino Construction Co.	-	-	19,024	-	-	-	-	-	19,024	-	75	6	-	-
Mazzaro Coal Co.	Strip Permit No. 71-14 (b)	-	-	5,000	-	-	-	-	-	5,000	-	68	4	-	-
	Strip Permit No. 71-15 (b)	-	-	1,107	-	-	-	-	-	1,107	-	3	4	-	-
	Strip Permit No. 71-16 (b)	-	-	5,000	-	-	-	-	-	5,000	-	57	4	-	-
	Strip Permit No. 71-17 (b)	-	-	4,154	-	-	-	-	-	4,154	-	12	4	-	-
	Strip Permit No. 71-18 (b)	-	-	31,285	-	-	-	-	-	31,285	-	22		-	-
Mazzaro Coal Co.	Strip Permit No. 189-2 (b)	-	-	-	-	-	-	-	-	-	-	120	1	-	-
	Strip Permit No. 189-3 (c)	-	-	-	-	-	-	-	-	-	-	120	2	-	-
	Total	-	-	-	-	-	-	-	-	-	-		3	-	-
Pennweir Construction Co.	Strip Permit No. 173-4	-	-	87,943	-	-	-	-	-	87,943	-	242	58	-	-
	Strip Permit No. 173-5	-	-	6,944	-	-	-	-	-	6,944	-			-	-
	Strip Permit No. 173-6	-	-	76,431	-	-	-	-	-	76,431	-			-	-
	Strip Permit No. 173-10 (a)	-	-	31,993	-	-	-	-	-	31,993	-			-	-
	Strip Permit No. 173-11 (a)	-	-	19,478	-	-	-	-	-	19,478	-			-	-
	Total	-	-	222,789	-	-	-	-	-	222,789	-		58	-	-
Petrick & McElhanev	Strip Permit No. 480-1	-	-	6,176	-	-	-	-	-	6,176	-	303	7	-	-
	Pittsburgh Coal Co., Div. of Consolidation Coal Co.	-	-	-	-	-	-	-	-	-	-			-	-
	Strip Permit No. 275-1	162,717	-	31,535	24	21	-	-	-	194,297	-	301	25	-	-
Protz Brothers Coal Co.	Strip Permit No. 469-1	-	-	1,675	-	-	-	-	-	1,675	-	100	2	-	-
	Q. & R. Coal Co.	-	-	11,489	-	-	-	-	-	11,489	-	145	6	-	-
	Strip Permit No. 422-2	-	-	-	-	-	-	-	-	-	-			-	-



# District 26

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Total : Average : Days Of Em-Plowed	Non-Fatal Accidents
Steffovich Brothers Strip Permit No. 11-2-2 Auger BAM-341	Washington	-	-	3,471	-	-	-	3,471	-	213	4
	Washington	-	-	582	-	-	-	582	-	80	-
	Total	-	-	4,053	-	-	-	4,053	-	8	-
	Washington	-	-	3,412	-	-	-	3,412	-	55	4
Twilight Industries, Inc. Strip Permit No. 1-17 Strip Permit No. 1-21 Strip Permit No. 1-23	Washington	-	-	13,805	-	-	-	13,805	-	60	4
	Washington	-	-	60,492	-	-	-	60,492	-	112	8
	Total	-	-	74,297	-	-	-	74,297	-	16	-
	Washington	-	-	7,000	-	-	-	7,000	-	42	2
Tyhonas, Leroy Strip Permit No. 538-1 Wood Coal Co. Strip Permit No. 301-1	Washington	-	-	1,742	-	-	-	1,742	-	188	3
	Allegheny	-	-	946,591	24	21	-	1,109,353	-	186	244
	District Total	162,717	-	-	-	-	-	-	-	-	4

NOTE: (a) Backfilling - Mining completed.  
(b) Mining completed - Area restored.  
(c) No mining during 1969.

# District 27

Allison Engineering Co. Strip Permit No. 39-3 Strip Permit No. 39-7 Strip Permit No. 39-15 Strip Permit No. 39-18 Strip Permit No. 39-21 Strip Permit No. 39-23 Strip Permit No. 39-25	Clarion	25,600	-	-	-	-	-	25,600	-	264	62	1
	Clarion	1,500	-	-	-	-	-	1,500	-	24	-	-
	Clarion	187,395	-	12,100	-	-	-	199,495	-	288	-	3
	Clarion	116,965	-	-	-	-	-	116,965	-	264	-	-
	Clarion	25,685	-	-	-	-	-	25,685	-	264	-	-
	Clarion	43,865	-	-	-	-	-	43,865	-	120	-	-
	Clarion	9,800	-	-	-	-	-	9,800	-	24	-	-
	Total	410,810	-	12,100	-	-	-	422,910	-	62	-	4
	C. & K. Coal Co. Strip Permit No. 4-46	8,710	-	-	-	-	-	8,710	-	31	95	-
	Strip Permit No. 4-49	89,261	-	-	-	-	-	89,261	-	314	-	-
Strip Permit No. 4-51 Strip Permit No. 4-52	Clarion	191,944	-	-	-	-	-	191,944	-	332	-	-
	Clarion	11,946	-	-	-	-	-	11,946	-	66	-	-

## District 27

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-fatal Accidents
		By Rail	By Water	Locally	For Domestic Purposes							
C. & K. Coal Co. (Continued)												
Strip Permit No. 4-53	Clarion	173,175	-	-	-	-	173,175	-	314	-	1	-
Strip Permit No. 4-54	Clarion	385,457	-	-	-	-	385,457	-	363	-	-	-
Strip Permit No. 4-55	Clarion	78,972	-	-	-	-	78,972	-	333	-	-	-
Strip Permit No. 4-56	Clarion	49,925	-	-	-	-	49,925	-	150	-	-	-
Strip Permit No. 4-57	Clarion	178,676	-	-	-	-	178,676	-	294	-	-	-
Strip Permit No. 4-58	Clarion	133,150	-	-	-	-	133,150	-	243	-	-	-
Strip Permit No. 4-59	Clarion	34,548	-	-	-	-	34,548	-	195	-	-	-
Strip Permit No. 4-60	Clarion	130,633	-	-	-	-	130,633	-	244	-	-	1
Strip Permit No. 4-61	Clarion	1,466,397	-	-	-	-	1,466,397	-	95	-	1	-
Total												
Dean Contractor, Inc., Ernest C.												
Strip Permit No. 379-12	Clarion	35,752	-	-	-	-	35,752	-	201	29	-	-
Strip Permit No. 379-13	Clarion	46,105	-	-	-	-	46,105	-	228	-	-	-
Strip Permit No. 379-14	Clarion	-	-	-	-	-	-	-	76	-	-	-
Strip Permit No. 379-15	Clarion	62,598	-	-	-	-	62,598	-	213	-	-	-
Strip Permit No. 379-16	Clarion	48,094	-	-	-	-	48,094	-	162	-	-	-
Strip Permit No. 379-17	Clarion	192,549	-	-	-	-	192,549	-	29	-	-	-
Total												
Glenn, W. Paul												
Strip Permit No. 65-4	Clarion	-	-	-	9,366	-	9,366	-	67	6	-	-
H. & O. Coal & Clay Co., Inc.												
Strip Permit No. 75-9	Clarion	-	-	-	9,613	-	9,613	-	162	9	-	-
Strip Permit No. 75-10	Clarion	-	-	-	-	-	-	-	102	-	-	-
Strip Permit No. 75-13	Clarion	-	-	-	43,985	-	43,985	-	312	-	-	1
Strip Permit No. 75-14	Clarion	-	-	-	43,705	-	43,705	-	312	-	-	-
Strip Permit No. 75-15	Clarion	-	-	-	9,471	-	9,471	-	113	-	-	-
Strip Permit No. 75-16	Clarion	-	-	-	106,774	-	106,774	-	9	-	-	1
Total												
Jack Brothers Construction Co.												
Strip Permit No. 450-6	Clarion	-	-	-	3,565	-	3,565	-	60	14	-	-
Strip Permit No. 450-8	Clarion	-	-	-	24,126	-	24,126	-	135	-	-	-
Strip Permit No. 450-9	Clarion	-	-	-	27,691	-	27,691	-	14	-	-	-
Total												
Kahle Coal Co.												
Strip Permit No. 66-1	Clarion	-	-	-	60,022	200	60,222	-	309	10	-	2
Strip Permit No. 66-8	Clarion	-	-	-	16,065	-	16,065	-	109	-	-	-
Strip Permit No. 66-9	Clarion	-	-	-	76,087	200	76,287	-	10	-	-	2
Total												
Mauersberg Coal Co.												
Strip Permit No. 344-4	Clarion	-	-	-	27,637	-	27,637	-	234	17	-	-
Strip Permit No. 344-7	Clarion	-	-	-	2,775	-	2,775	-	73	-	-	1
Strip Permit No. 344-9	Clarion	-	-	-	3,824	-	3,824	-	57	-	-	-
Total												

District 27

Operators And Mines		Production Of Coal And Coke - Net Tons										Non-fatal Accidents		
		Shipped To Market		Coal Used		Coal		Used In		Total Production				
	County	By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke	For Heat & Power At Mine	Used In Manufacture Of Coke	Of Coal	Of Coke	Total : Average Days Worked	No. Of Employees	Fatal Accidents
Mauersberg Coal Co. (Continued)														
Strip Permit No. 344-11	Clarion	-	-	1,063	-	-	-	-	-	1,063	-	50	-	-
Strip Permit No. 344-12	Clarion	-	-	34,346	-	-	-	-	-	34,346	-	204	-	-
Strip Permit No. 344-13	Clarion	-	-	2,438	-	-	-	-	-	2,438	-	27	-	-
Total		-	-	72,083	-	-	-	-	-	72,083	-	17	-	1
Mays Coal Co.														
Strip Permit No. 210-2	Clarion	-	-	86,200	-	-	-	-	-	86,200	-	148	-	-
Strip Permit No. 210-4	Clarion	-	-	71,289	-	-	-	-	-	71,289	-	190	-	-
Total		-	-	157,489	-	-	-	-	-	157,489	-	14	-	-
Miles Coal Co., Clyde														
Strip Permit No. 509-1	Clarion	-	-	37,740	-	-	-	-	-	37,740	-	157	-	-
Strip Permit No. 509-2	Clarion	-	-	16,138	-	-	-	-	-	16,138	-	78	-	-
Total		-	-	53,878	-	-	-	-	-	53,878	-	14	-	-
Reddinger, Terry														
Strip Permit No. 314-6	Clarion	33,596	-	-	-	-	-	-	-	33,596	-	296	9	-
Strip Permit No. 314-7	Clarion	10,952	-	-	-	-	-	-	-	10,952	-	73	-	-
Total		44,548	-	-	-	-	-	-	-	44,548	-	9	-	-
Siegel Coal Co., Harold A.														
Strip Permit No. 8-4	Clarion	-	-	37,754	-	30	-	-	-	37,784	-	293	37	2
Strip Permit No. 8-5	Clarion	-	-	25,532	-	25	-	-	-	25,557	-	90	-	1
Strip Permit No. 8-9	Clarion	-	-	8,978	-	-	-	-	-	8,978	-	302	-	-
Strip Permit No. 8-10	Clarion	-	-	53,332	-	50	-	-	-	53,382	-	282	-	-
Strip Permit No. 8-11	Clarion	-	-	119	-	-	-	-	-	119	-	3	-	-
Strip Permit No. 8-12	Clarion	-	-	56,668	-	40	-	-	-	56,708	-	197	-	2
Total		-	-	182,383	-	145	-	-	-	182,528	-	37	1	5
Stahlman Coal Co., Inc., W. P.														
Strip Permit No. 9-19	Clarion	3,627	-	-	-	-	-	-	-	3,627	-	67	35	-
Strip Permit No. 9-20	Clarion	49,336	-	-	-	-	-	-	-	49,336	-	300	-	1
Strip Permit No. 9-21	Clarion	67,530	-	-	-	-	-	-	-	67,530	-	304	-	-
General Workmen		-	-	-	-	-	-	-	-	-	-	304	-	1
Total		120,493	-	-	-	-	-	-	-	120,493	-	35	-	2
Stiles Co., G. A.														
Strip Permit No. 106-1	Clarion	-	-	259,668	-	-	-	-	-	259,668	-	308	31	1
Strip Permit No. 106-6	Clarion	-	-	18,283	-	-	-	-	-	18,283	-	49	-	-
Total		-	-	277,951	-	-	-	-	-	277,951	-	31	-	1
Weaver & Sons, A. P.														
Strip Permit No. 144-8	Clarion	-	-	52,912	-	-	-	-	-	52,912	-	308	32	1
Strip Permit No. 144-11	Clarion	-	-	57,216	-	-	-	-	-	57,216	-	308	-	-

## District 27

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal		Coal		Total	
	County	By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke	Used In Manufacture Of Coal	Produced Of Coal	Production Of Coke	Average Days Worked
Weaver & Sons, A. P. (Continued)											
Strip Permit No. 144-12	Clarion	86,754	-	27,530	-	-	-	114,284	-	-	308
Strip Permit No. 144-14	Clarion	-	-	43,846	-	-	-	43,846	-	-	308
Strip Permit No. 144-15	Clarion	-	-	18,299	-	-	-	18,299	-	-	67
Total		86,754	-	199,863	-	-	-	286,557	-	-	32
Wilson, John N.											
Strip Permit No. 502-1	Clarion	-	-	20,578	-	-	-	20,578	-	-	231
Zacherl Coal Co., Inc.											
Strip Permit No. 73-7	Clarion	1,319	-	5,055	98	-	-	6,472	-	-	20
Strip Permit No. 73-9	Clarion	11,548	-	44,235	258	-	-	56,041	-	-	191
Strip Permit No. 73-10	Clarion	12,540	-	48,024	-	-	-	60,564	-	-	194
Strip Permit No. 73-12	Clarion	27,658	-	109,695	-	-	-	137,353	-	-	228
Strip Permit No. 73-13	Clarion	55	-	50	-	-	-	105	-	-	3
Strip Permit No. 73-14	Clarion	50	-	50	-	-	-	100	-	-	3
Strip Permit No. 73-16	Clarion	828	-	3,185	-	-	-	4,013	-	-	8
Total		53,998	-	210,294	356	-	-	284,648	-	-	39
District Total		2,375,549	-	1,406,477	556	145	-	3,782,727	-	-	277
											456
											2
											21

## District 28

Allison Engineering Co.											
Strip Permit No. 39-4 (a)	Butler	23,866	-	8,733	-	-	-	32,599	-	-	264
Strip Permit No. 39-11 (a)	Butler	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 39-19 (a)	Butler	7,993	-	6,424	-	-	-	14,417	-	-	218
Strip Permit No. 39-22 (a)	Butler	-	-	-	-	-	-	-	-	-	-
Total		31,859	-	15,157	-	-	-	47,016	-	-	13
Altwire Brothers Coal Co., Inc.											
Strip Permit No. 29-13 (a)	Armstrong	11,106	-	-	-	-	-	11,106	-	-	61
Strip Permit No. 29-14 (a)	Armstrong	3,436	-	-	-	-	-	3,436	-	-	15
Total		14,542	-	-	-	-	-	14,542	-	-	4
Ankeny, Donald K.											
Strip Permit No. 287-4	Armstrong	-	-	18,125	-	-	-	18,125	-	-	265
B. & G. Construction Co., Inc.											
Strip Permit No. 25-2	Armstrong	-	-	78,656	-	-	-	78,656	-	-	109
Strip Permit No. 25-3	Armstrong	1,782	-	70,553	-	-	-	72,335	-	-	106

## District 28

County	Production Of Coal And Coke - Net Tons											
	Shipped To Market			Coal Used Locally	Coal Used For Heat & Power At Mine	Coal Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-Fatal Accidents
B. & G. Construction Co., Inc. (Continued)	By Rail	By Water	By Truck									
	-	-	106,349	-	-	-	106,349	-	119	-	-	-
	1,782	-	255,558	-	-	-	257,340	-	-	19	-	-
	19,036	-	-	-	-	-	19,036	-	117	15	-	-
	18,885	-	-	-	-	-	18,885	-	96	-	-	-
	11,936	-	-	-	-	-	11,936	-	86	-	-	-
	25,357	-	-	-	-	-	25,357	-	114	-	-	1
	2,730	-	-	-	-	-	2,730	-	20	3	-	-
	3,146	-	-	-	-	-	3,146	-	7	-	-	-
Baughman Coal Co., Inc., R. D.	Auger BAH-49	-	-	-	-	-	3,529	-	46	-	-	-
	Auger BAH-331	-	-	-	-	-	3,085	-	55	-	-	-
	Auger BAH-363	-	-	-	-	-	87,704	-	-	18	-	-
	Total	49,748	-	18,000	4,000	-	71,748	-	219	16	-	-
	Armstrong	19,748	-	18,000	4,000	-	71,748	-	144	-	-	-
	Total	-	-	1,177	-	-	1,177	-	82	2	-	-
	Armstrong	-	-	-	-	21,686	21,686	-	245	8	-	-
	Armstrong	-	-	-	-	-	-	-	80	-	-	-
	Armstrong	-	-	-	-	15,507	15,507	-	120	5	-	-
	Total	-	-	-	-	37,193	37,193	-	-	13	-	-
Cogley & McIlwain	Strip Permit No. 247-1	-	-	2,909	-	-	2,909	-	171	2	-	-
	DeMarsh Coal, Theodore	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 62-8 & 10	42,500	-	16,191	-	-	58,691	-	300	4	-	-
	Duncan, L. G.	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 279-2	13,178	-	21,000	-	-	34,178	-	293	9	-	-
	Auger	11,111	-	13,925	-	-	25,036	-	192	3	-	-
	Total	24,289	-	34,925	-	-	59,214	-	-	12	-	-
	Grove City Construction Co.	-	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 122-5 (b)	42,752	-	-	-	-	42,752	-	161	15	-	-
	Strip Permit No. 122-6	21,440	-	-	-	-	21,440	-	75	-	-	-
Total	64,192	-	-	-	-	64,192	-	-	15	-	-	



## District 28

Operators And Mines	County	Production Of Coal And Coke - Net Tons										Non-Fatal Acci- dents
		Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal		Total : Aver- age : Days Of Em- ployes Worked		
		By Rail	By Water	By Truck	Domestic Purposes	For Heat & Power At Mine	Manufacture Of Coke	Of Coal	Of Coke	No. Fatal Acci- dents		
Grove City Limestone Co.												
Strip Permit No. 483-1 (b)	Butler	2,800	-	921	-	-	-	3,721	-	49	4	-
Strip Permit No. 483-2	Butler	9,000	-	3,000	721	-	-	12,721	-	110	3	-
Total		11,800	-	3,921	721	-	-	16,442	-	7	-	-
Harman Co., Inc., Paul C.												
Strip Permit No. 322-7	Armstrong	103,437	-	-	-	-	-	103,437	-	311	14	-
Harman Coal Co.												
Strip Permit No. 514-1	Armstrong	58,151	-	-	-	-	-	58,151	-	236	8	1
Hawk Brothers Contracting Co.												
Strip Permit No. 121-5	Armstrong	-	-	118,589	-	-	-	118,589	-	269	14	-
Houser, Earl												
Strip Permit Nos. 163-1 & 2	Armstrong	-	-	7,359	-	-	-	7,359	-	160	3	-
Huff Coal Co.												
Strip Permit No. 318-3	Armstrong	6,197	-	-	-	-	-	6,197	-	88	2	-
Kerry Coal Co.												
Strip Permit No. 41-13(a)(c)Butler		-	-	-	9,293	-	-	9,293	-	102	21	-
Strip Permit No. 41-14(a)(c)Butler		-	-	-	18,387	-	-	18,387	-	163	-	-
Strip Permit No. 41-15(a)(c)Butler		-	-	-	41,242	-	-	41,242	-	202	-	-
Strip Permit No. 41-16 (c) Butler		-	-	-	80,509	-	-	80,509	-	200	-	1
Strip Permit No. 41-17 (c) Butler		-	-	-	38,569	-	-	38,569	-	121	-	-
Auger (c)		-	-	13,382	-	-	-	13,382	-	87	3	-
Total		-	-	13,382	188,000	-	-	201,382	-	24	1	-
L. & E. Construction & Equipment Co., Inc.												
Strip Permit No. 26-2 (a)	Armstrong	-	-	21,236	-	-	-	21,236	-	16	18	-
Strip Permit No. 26-4	Armstrong	-	-	168,649	-	-	-	168,649	-	190	20	1
Total		-	-	189,885	-	-	-	189,885	-	38	1	1
Lucas Coal Co.												
Strip Permit No. 174-4	Butler	-	-	81,200	-	-	-	81,200	-	310	14	-
Strip Permit No. 174-5	Butler	2,500	-	-	-	-	-	2,500	-	30	2	-
Total		2,500	-	81,200	-	-	-	83,700	-	16	-	-
Manor Minerals, Inc.												
Strip Permit No. 333-4	Armstrong	-	-	7,021	50	10	-	7,081	-	44	6	-
Martin, James E.												
Strip Permit No. 419-3	Armstrong	-	-	12,849	-	-	-	12,849	-	193	3	-
Auger BAH-330	Armstrong	-	-	1,753	-	-	-	1,753	-	15	3	-
Total		-	-	14,602	-	-	-	14,602	-	6	-	-



**District 28**

**Production Of Coal And Coke - Net Tons**

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-Fatal Accidents
		By Rail	By Water	By Domestic Trucks	For Heat & Power	Locally For Domestic Purposes	Used At Mine						
<b>Mathieson Coal Co.</b>													
Strip Permit No. 208-4	Butler	61,600	-	29,000	-	-	-	90,600	-	300	11)	-	-
Strip Permit No. 208-5	Butler	5,000	-	3,000	-	-	-	8,000	-	34	-	-	-
<b>Total</b>		<b>66,600</b>		<b>32,000</b>				<b>98,600</b>			<b>11</b>		
<b>McGaughey, J. F.</b>													
Strip Permit No. 535-1	Armstrong	-	-	3,126	-	-	-	3,126	-	72	3	-	-
<b>P. &amp; L. Coal Co., Inc.</b>													
Strip Permit No. 115-1	Armstrong	-	-	89,470	-	-	-	89,470	-	242	19	-	-
<b>ROB Coal Co.</b>													
Strip Permit No. 542-1	Armstrong	-	-	-	-	-	-	-	-	37	3	-	-
<b>Rochester &amp; Pittsburgh Coal Co.</b>													
Strip Permit No. 482-2 (a)	Armstrong	-	-	21,533	-	-	-	21,533	-	117	4	-	-
Strip Permit No. 482-4	Armstrong	-	-	26,353	-	-	-	26,353	-	84	4	-	-
Strip Permit No. 482-6	Armstrong	-	-	3,805	-	-	-	3,805	-	16	7	-	-
Strip Permit No. 482-6	Armstrong	-	-	25,371	-	-	-	25,371	-	138	3	-	-
Auger BAW-316	Armstrong	-	-	77,062	-	-	-	77,062	-	18	18	-	-
<b>Total</b>													
<b>Rosensteel, C. L.</b>													
Strip Permit No. 264-2 (a)	Armstrong	-	-	3,100	-	-	-	3,100	-	95	2	-	-
<b>Smith, J. Marle</b>													
Strip Permit No. 226-3	Armstrong	-	-	9,100	-	-	-	9,100	-	209	1	-	-
<b>State Industries, Inc.</b>													
Strip Permit No. 435-5 (b)	Armstrong	-	-	30,664	-	-	-	30,664	-	23	12)	-	-
Strip Permit No. 435-6	Armstrong	-	-	-	-	-	-	-	-	16	-	-	-
Strip Permit No. 435-8	Armstrong	-	-	-	-	-	-	-	-	9	-	-	-
<b>Total</b>													
<b>Sunbeam Coal Corp.</b>													
Strip Permit No. 179-7	Butler	136,887	-	-	-	-	-	136,887	-	230	24)	-	3
Strip Permit No. 179-8 (a)	Butler	-	-	-	-	-	-	-	-	114	-	-	-
Strip Permit No. 179-11 (b)	Butler	-	-	-	-	-	-	-	-	72	-	-	-
<b>Total</b>		<b>136,887</b>						<b>136,887</b>			<b>24</b>		
<b>Tiche Limestone &amp; Construction Co.</b>													
Strip Permit No. 207-1	Butler	-	-	-	1,497	3	-	1,500	-	288	5	-	-
<b>Toy, Guy</b>													
Strip Permit No. 507-1	Armstrong	-	-	2,944	-	-	-	2,944	-	169	2	-	-
<b>Toy Coal Co., Edwin M.</b>													
Strip Permit No. 81-12	Armstrong	-	-	41,973	-	-	-	41,973	-	234	6	-	1

## District 28

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal Used		Coal Used In		Total	
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	For Manufacture Of Coke	For Heat & Power At Mine	For Manufacture Of Coke	Production : Of Coal	Production : Of Coke
Tri-County Fuel Co.	Butler	4,154	-	536	-	-	-	-	-	4,690	-
	Strip Permit No. 13-10 (a)	2,104	-	158	-	-	-	-	-	1,262	-
	Strip Permit No. 13-11 (a)	5,258	-	694	-	-	-	-	-	5,952	-
	Total	-	-	-	-	-	-	-	-	-	-
Troy Hill Construction Co., Inc.	Butler	-	-	6,423	-	-	-	-	-	6,423	-
	Strip Permit No. 24-2 (a)	-	-	54,767	-	-	-	-	-	54,767	-
	Strip Permit No. 24-3	-	-	61,190	-	-	-	-	-	61,190	-
	Total	-	-	-	-	-	-	-	-	-	-
Western Hickory Coal Co., Inc.	Butler	-	-	13,779	-	-	-	-	-	13,779	-
	Strip Permit No. 152-4 (b)	4,118	-	50,686	-	-	-	-	-	51,044	-
	Strip Permit No. 152-6	1,624	-	13,934	-	-	-	-	-	15,558	-
	Auger BAM-356	2,042	-	78,339	-	-	-	-	-	80,381	-
West Freedom Mining Corp.	Butler	85	-	91,131	-	-	-	-	-	91,216	-
	Strip Permit No. 68-13	12,247	-	21,996	-	-	-	-	-	34,243	-
	Strip Permit No. 68-14	1,808	-	24,028	-	-	-	-	-	25,836	-
	Strip Permit No. 68-15 (a)	-	-	-	-	-	-	-	-	-	-
Auger BAM-352	Butler	3,601	-	7,171	-	-	-	-	-	10,772	-
	Strip Permit No. 68-16 (a)	-	-	10,099	-	-	-	-	-	10,099	-
	Strip Permit No. 68-16 (a)	-	-	154,425	-	-	-	-	-	172,166	-
	Total	-	-	-	-	-	-	-	-	-	-
West-Mont Coal & Clay Co., Inc.	Butler	-	-	14,970	-	-	-	-	-	14,970	-
	Strip Permit No. 367-2	-	-	1,075	-	-	-	-	-	1,075	-
	Wolcott, Dale M.	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 397-2	-	-	117,318	-	-	-	-	-	117,318	-
Wright Coal Co., Grant R.	Butler	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 117-3	-	-	-	-	-	-	-	-	-	-
	Strip Permit No. 117-3	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
District Total		727,229	-	1,515,451	194,268	13	37,193	2,474,154	-	175	481
										2	9

NOTE: (a) Mining completed and track backfilled.

(b) Mining completed and backfilling.

(c) Operation reported in the 25th Bituminous District to September 1, 1969.

**District 29**

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal		Total Production Of Coke	
	County	By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Manufacture Of Coke	Of Coal	Of Coke	Worked	Plays
<b>Abruzzi &amp; Rost</b>											
Strip Permit No. 276-2	Westmoreland	-	-	-	-	-	-	-	-	50	2
<b>Altmore Brothers Coal Co., Inc.</b>											
Strip Permit No. 29-12 (a)	Westmoreland	-	-	684	-	-	-	684	-	5	2
Strip Permit No. 29-15	Westmoreland	-	-	6,576	-	-	-	6,576	-	29	-
<b>Total</b>		-	-	7,260	-	-	-	7,260	-	2	-
<b>Ansell Coal Co., Earl</b>											
Strip Permit No. 288-1	Westmoreland	-	-	2,834	-	-	-	2,834	-	115	2
<b>Arcadia Co., Inc., The</b>											
Strip Permit No. 164-5 (a)	Indiana	21,468	-	-	-	350	-	21,818	-	234	27
Strip Permit No. 164-6	Indiana	20,131	-	-	-	-	-	20,131	-	291	-
Strip Permit No. 164-7	Indiana	-	-	-	-	-	-	-	-	262	-
Strip Permit No. 164-8 (a)	Indiana	1,459	-	-	-	-	-	1,459	-	129	-
Strip Permit No. 164-9	Indiana	22,788	-	-	-	128	-	22,916	-	311	-
Strip Permit No. 164-10	Indiana	50,463	-	-	562	-	-	51,025	-	283	-
Strip Permit No. 164-11	Indiana	22,670	-	-	-	-	-	22,670	-	129	-
Strip Permit No. 164-11	Indiana	13,385	-	-	-	-	-	13,385	-	116	3
Auger BAM-285 (a)	Indiana	3,697	-	-	-	-	-	3,697	-	321	-
Auger BAM-280	Indiana	2,473	-	-	-	-	-	2,473	-	-	-
Auger BAM-372	Indiana	158,534	-	-	562	478	-	159,574	-	33	-
<b>Total</b>		-	-	9,080	-	-	-	9,080	-	259	2
<b>Bartoni Coal Co.</b>											
Strip Permit No. 410-5	Fayette	-	-	-	-	-	-	-	-	167	10
<b>Beilchick Brothers</b>											
Strip Permit No. 95-1	Indiana	19,720	-	-	-	-	-	19,720	-	257	20
<b>Benjamin Coal Co.</b>											
Strip Permit No. 64-16	Indiana	116,480	-	-	-	-	-	116,480	-	53	19
Strip Permit No. 64-22 (a)	Indiana	27,965	-	-	-	-	-	27,965	-	21	-
Auger BAM-367	Indiana	8,624	-	-	-	-	-	8,624	-	-	-
<b>Total</b>		183,069	-	-	-	-	-	183,069	-	42	-
<b>Benson, William C.</b>											
Strip Permit No. 387-1 (a)	Westmoreland	-	-	1,704	-	-	-	1,704	-	97	1
<b>Portz Coal Co.</b>											
Strip Permit No. 456-1	Fayette	-	-	-	-	-	-	-	-	110	6
Strip Permit No. 456-2	Fayette	-	-	8,198	-	-	-	8,198	-	100	-
Strip Permit No. 456-3	Fayette	-	-	12,305	-	-	-	12,305	-	160	-
Strip Permit No. 456-4 (a)	Fayette	-	-	320	-	-	-	320	-	7	-
<b>Total</b>		-	-	20,823	-	-	-	20,823	-	7	-
<b>Bridge Coal Co.</b>											
Strip Permit No. 481-1	Westmoreland	-	-	6,316	-	-	-	6,316	-	175	3

## District 29

County	Production Of Coal And Coke - Net Tons											
	Shipped To Market	By Rail	By Water	By Truck	Locally For Domestic Purposes	Coal Used For Heat & Power At Mine	Used In Manufacture Of Coke	Total Production Of Coal	Total : Aver- age : Days Worked	No. Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
Operators And Mines												
Brown, C. W.												
Strip Permit No. 273-2	-	-	-	29,150	-	5	-	29,155	-	296	9	-
Dippel & Dippel Coal Co.												
Strip Permit No. 486-1	-	-	34,435	-	-	-	-	34,435	-	208	5	-
Greene	-	-	34,860	-	-	-	-	34,860	-	195	8	-
Strip Permit No. 486-2	-	-	69,295	-	-	-	-	69,295	-	13	13	-
Total												
Fillaggi Coal Co.												
Strip Permit No. 178-9	-	-	17,000	-	-	-	-	17,000	-	93	4	-
Ford & Gaskill												
Strip Permit No. 139-2	-	-	-	3,240	-	-	-	3,240	-	18	3	-
Fox, H. E.												
Strip Permit No. 198-1	-	-	-	-	7,345	-	-	7,345	-	262	3	-
Fryске & Nole Coal Co.												
Strip Permit No. 242-2	-	-	60,150	-	-	-	-	60,150	-	260	10	-
Fayette	-	-	12,948	-	27	-	-	12,975	-	120	-	-
Strip Permit No. 242-3	-	-	9,486	-	6	-	-	9,492	-	60	-	-
Fayette	-	-	82,584	-	33	-	-	82,617	-	10	-	-
Strip Permit No. 242-4	-	-	-	-	-	-	-	-	-	-	-	-
Total												
Geary-Ridge Coal Co.												
Strip Permit No. 429-1	-	-	33,685	-	-	-	-	33,685	-	278	5	-
Genovese Coal Co.												
Strip Permit No. 244-10	-	-	6,000	-	-	-	-	6,000	-	340	2	-
Strip Permit No. 244-12	-	-	12,000	-	-	-	-	12,000	-	-	6	-
Fayette	-	-	4,550	-	-	-	-	4,550	-	-	-	-
Strip Permit No. 244-13	-	-	22,150	-	-	-	-	22,150	-	-	8	-
Total												
Green, Inc., Walter												
Strip Permit No. 250-1 (a)	-	-	-	-	-	-	-	-	-	46	5	-
Fayette	-	-	34,860	-	-	-	-	34,860	-	244	-	-
Strip Permit No. 250-6	-	-	34,860	-	-	-	-	34,860	-	-	5	-
Total												
Hall & Hall, Inc., J. M. & J. M., Jr.												
Strip Permit No. 141-1-2	-	-	3,404	1,374	-	-	-	4,778	-	68	4	-
Head Coal Co.												
Strip Permit No. 124-3 (a)	-	-	19,912	-	-	-	-	19,912	-	301	6	-
Indiana	-	-	46,682	-	-	-	-	46,682	-	-	-	-
Strip Permit No. 124-4	-	-	17,028	-	-	-	-	17,028	-	121	3	-
Auger	-	-	83,622	-	-	-	-	83,622	-	-	9	-
Total												
Heley Brothers Coal Co.												
Strip Permit No. 459-1 (a)	-	-	2,249	-	-	-	-	2,249	-	43	3	-
Hill, William L.												
Strip Permit No. 457-1	-	-	4,048	75	-	-	-	4,123	-	119	3	-
Fayette	-	-	-	-	-	-	-	-	-	-	-	-

# District 29

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total		Fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke	Production Of Coal	Production Of Coke	
<b>Kaiser Refractories</b>										
Strip Permit No. 390-1 (b)	Fayette	-	-	-	-	-	-	-	-	11
Krulock, Steve	Fayette	-	-	-	176	-	-	176	-	2
Strip Permit No. 345-1	Indiana	55,672	-	-	-	-	-	55,672	-	9
Lamkie Coal Co., Inc.	Fayette	-	-	3,575	-	-	-	3,575	-	2
Lin-Phil Coal Co.	Indiana	89,477	-	-	-	-	-	89,477	-	35
Strip Permit No. 520-1	Indiana	16,349	-	-	-	-	-	16,349	-	13
Marion Center Mining Co.	Indiana	105,826	-	-	-	-	-	105,826	-	18
Strip Permit No. 212-4	Indiana	35,806	-	-	-	-	-	35,806	-	4
Strip Permit No. 212-5	Indiana	11,372	-	-	-	-	-	11,372	-	2
Total	Indiana	12,135	-	-	-	-	-	12,135	-	3
Mears Coal Co.	Indiana	2,948	-	-	-	-	-	2,948	-	26
Strip Permit No. 3-2	Indiana	62,261	-	-	-	-	-	62,261	-	9
Strip Permit No. 3-5	Westmoreland	-	-	4,816	-	-	-	4,816	-	7
Auger BAW-315	Fayette	-	-	-	-	-	-	-	-	6
Auger BAW-337	Fayette	-	-	-	-	-	-	-	-	6
Total	Fayette	-	-	-	-	-	-	-	-	-
<b>Monnie, S. C.</b>										
Strip Permit No. 58-7 (a)	Indiana	15,669	-	-	4,842	-	-	20,511	-	9
Strip Permit No. 58-8	Indiana	5,169	-	-	516	-	-	5,685	-	59
Strip Permit No. 58-9	Indiana	15,520	-	-	4,663	-	-	20,183	-	140
Total	Indiana	36,358	-	-	10,021	-	-	46,379	-	9
<b>Morrone Coal Co.</b>										
Strip Permit No. 27-1	Indiana	-	-	-	-	-	-	-	-	5
Strip Permit No. 27-4	Indiana	8,600	-	-	-	-	-	8,600	-	-
Strip Permit No. 27-5	Indiana	17,288	-	-	-	-	-	17,288	-	177
Total	Indiana	25,888	-	-	-	-	-	25,888	-	5
<b>North Cambria Fuel Co.</b>										
Strip Permit No. 10-20	Indiana	84,548	-	-	125	-	-	84,673	-	9
Strip Permit No. 10-21	Indiana	143,541	-	-	123	-	-	143,664	-	20
Total	Indiana	228,089	-	-	248	-	-	228,337	-	29



## District 29

County	Shipped To Market		Coal Used		Coal		Production Of Coal And Coke - Net Tons		Total : Aver- age Days Worked	No. Of Em- ployes	Fatal Acci- dents
	By Rail	By Water	Locally For Domestic Purposes	For Heat & Power At Mine	Used In Manu- facture Of Coke	Total Produc- tion Of Coal	Production Of Coke				
Operators And Mines											
Ovittaky & Cambuzzi											
Strip Permit No. 505-1	-	-	29,866	-	-	-	29,866	-	247	6	-
P. & N. Coal Co., Inc.											
Strip Permit No. 32-21	2,486	-	-	-	-	-	2,486	-	49	8	-
Indiana											
Auger BAN-281	7,691	-	-	-	-	-	7,691	-	28	1	-
Total	10,177	-	-	-	-	-	10,177	-	11	3	-
Phillips Coal Co., Albert & Jack											
Strip Permit No. 183-5 (a)	2,242	-	-	-	-	-	2,242	-	22	2	-
Indiana											
Strip Permit No. 183-6	2,242	-	-	-	-	-	2,242	-	25	2	-
Total	4,484	-	-	-	-	-	4,484	-	47	4	-
Piccolomini, William											
Strip Permit No. 159-4	-	-	452	-	-	-	452	-	118	4	-
Westmoreland											
Strip Permit No. 159-10	-	-	11,401	-	-	-	11,401	-	243	5	-
Westmoreland											
Strip Permit No. 159-12 (a)	-	-	4,033	-	-	-	4,033	-	40	4	-
Westmoreland											
Strip Permit No. 159-13	-	-	41,514	-	-	-	41,514	-	62	7	-
Fayette											
Total	-	-	57,400	-	-	-	57,400	-	-	20	-
Pontorero & Sons Coal Co.											
Strip Permit No. 237-1 (a)	-	-	-	-	-	-	-	-	46	9	-
Fayette											
Strip Permit No. 237-3	-	-	8,749	2,500	-	-	11,249	-	129	-	-
Fayette											
Strip Permit No. 237-6	-	-	18,858	3,500	-	-	22,358	-	170	-	-
Total	-	-	27,607	6,000	-	-	33,607	-	-	9	-
Purco Coal Co.											
Strip Permit No. 413-2	-	-	31,406	-	-	-	31,406	-	241	9	-
Fayette											
Strip Permit No. 413-3	-	-	37,368	-	-	-	37,368	-	141	-	-
Fayette											
Strip Permit No. 413-4	-	-	1,300	-	-	-	1,300	-	19	3	-
Fayette											
Auger	-	-	70,074	-	-	-	70,074	-	6	3	-
Total	-	-	70,074	-	-	-	70,074	-	-	15	-
Puskas, John											
Strip Permit No. 424-1	-	-	-	600	-	-	600	-	69	1	-
R. T. C. Coal Co.											
Strip Permit No. 201-1 (a)	-	-	-	-	-	-	-	-	113	2	-
Indiana											
Red Gap Coal Co.											
Strip Permit No. 433-2	4,421	-	-	-	-	-	4,421	-	72	4	-
Rondell Co., Inc.											
Strip Permit No. 511-1	-	-	6,157	-	-	-	6,157	-	50	3	-
Ruane Coal & Coke Co.											
Strip Permit No. 78-1	-	-	12,311	-	-	-	12,311	-	297	7	-
Shick Coal Co.											
Strip Permit No. 252-2	102,818	-	-	-	-	-	102,818	-	286	10	-
Indiana											



## District 29

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market		Coal Used		Coal		Total Production		Total : Average	
		By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke	Of Coal	Of Coke	Production : Days Worked	Non-Fatal Accidents
County											
Siverd Brothers Coal Co. Smith, Ralph L. Smith & Sons Coal Co., W. A. Soberdash Coal & Coke Co.	Indiana	19,230	-	-	1,269	-	-	20,499	-	260	2
	Westmoreland	4,445	-	-	421	-	-	4,866	-	53	7
	Indiana	10,954	-	-	-	-	-	10,954	-	296	3
	(a) Fayette	-	-	1,769	-	-	-	1,769	-	170	3
	(a) Fayette	-	-	900	-	-	-	900	-	85	3
	(a) Fayette	-	-	3,600	-	-	-	3,600	-	42	3
	(a) Fayette	-	-	22,000	-	-	-	22,000	-	179	4
	(a) Fayette	-	-	14,100	-	-	-	14,100	-	160	4
	(a) Fayette	-	-	5,000	-	-	-	5,000	-	38	4
	Westmoreland	-	-	1,500	-	-	-	1,500	-	28	3
Total		-	-	18,869	-	-	-	18,869	-	-	24
Stromick, Mike	Strip Permit No. 364-1 (a)	-	-	-	-	-	-	-	-	4	3
	Strip Permit No. 364-2	-	-	12,284	-	-	-	12,284	-	106	-
Total		-	-	12,284	-	-	-	12,284	-	-	3
Tedesco Coal Co. Twilight Industries, Inc. Ullishney Fuel Co., Inc. United States Steel Corp. Whyel Coal Co.	Fayette	-	-	22,958	-	-	-	22,958	-	248	4
	Westmoreland	-	-	48,543	-	-	-	48,543	-	220	3
	Westmoreland	-	-	-	1,336	-	-	1,336	-	125	2
	Fayette	-	-	-	-	-	-	-	-	17	10
	(a) Fayette	-	5,276	-	-	-	-	5,276	-	32	4
	(a) Fayette	-	23,578	-	-	-	-	23,578	-	147	6
Strip Permit No. 503-3 (a)	Fayette	-	13,867	-	-	-	-	13,867	-	75	-
	Fayette	-	2,593	-	-	-	-	2,593	-	37	-
	Total	-	45,311	-	-	-	-	45,311	-	10	-
District Total		1,029,404	131,609	690,165	31,164	483	35,405	1,918,230	-	207	478

NOTE: (a) Mine completed during 1969.  
(b) Clay mine--coal deposited in spoil.

## District 30

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal		Total Production Of Coal	Total Production Of Coke	No. Of Em- ployes	Fatal Acci- dents	Non- Fatal Acci- dents
		By Rail	By Water	By Truck	Domestic Purposes	For Heat & Power At Mine	Used For Manufacture Of Coke					
Armagost Coal Co. Strip Permit No. 484-1	Jefferson	-	-	8,213	-	-	-	8,213	-	228	3	-
Baughman Coal Co., Inc., R. D.												
Strip Permit No. 151-31	Jefferson	100,435	-	-	-	-	-	100,435	-	190	18	-
Strip Permit No. 151-36	Jefferson	18,413	-	-	-	-	-	18,413	-	10	10	-
Total		118,848	-	-	-	-	-	118,848	-	28	-	-
Bennetts Coal Co.												
Auger BAM-282	Elk	-	-	572	-	-	-	572	-	31	3	-
Auger BAM-329	Elk	-	-	6,340	-	-	-	6,340	-	141	-	-
Total		-	-	6,912	-	-	-	6,912	-	3	-	-
Boyer Coal Co.												
Strip Permit Nos. 269-4 & 5	Jefferson	10,931	-	1,137	-	-	-	12,068	-	215	4	1
Brubaker Brothers Coal Co.												
Strip Permit No. 53-3	Jefferson	-	-	-	13,722	-	-	13,722	-	309	3	-
Calhoun, Dwight M.												
Strip Permit No. 262-1(C)	Jefferson	-	-	7,719	-	-	-	7,719	-	240	2	-
Doan Coal Co.												
Strip Permit No. 154-4	Jefferson	-	-	5,835	-	-	-	5,835	-	97	4	-
Strip Permit No. 154-6	Jefferson	-	-	6,970	-	-	-	6,970	-	180	-	-
Total		-	-	12,805	-	-	-	12,805	-	4	-	-
East Branch Equipment Co.												
Strip Permit No. 112-5	Jefferson	12,960	-	-	-	-	-	12,960	-	67	7	-
Emery, Robert L.												
Strip Permit No. 478-1	Jefferson	-	-	54,140	-	-	-	54,140	-	152	8	-
Strip Permit No. 478-2	Jefferson	33,020	-	-	-	-	-	33,020	-	145	7	-
Total		33,020	-	54,140	-	-	-	87,160	-	15	-	-
Esquire Fuel Co.												
Strip Permit Nos. 263-4 & 5	Jefferson	6,600	-	-	-	-	-	6,600	-	226	3	-
Auger BAM-258	Jefferson	1,400	-	-	40	-	-	1,440	-	89	1	-
Total		8,000	-	-	40	-	-	8,040	-	4	-	-
Glenn, W. Paul												
Strip Permit No. 65-2(A)	Jefferson	-	-	14,009	-	-	-	14,009	-	254	10	-
Glenn Coal Co.												
Strip Permit No. 343-11	Jefferson	-	-	29,787	-	-	-	29,787	-	261	3	-
Strip Permit No. 343-12	Jefferson	-	-	24,406	-	-	-	24,406	-	259	3	-
Total		-	-	54,193	-	-	-	54,193	-	6	-	-

District 30

Operators And Mines	County	Production Of Coal And Coke - Net Tons										Non-fatal Accidents
		Shipped To Market		Coal Used		Coal		Total Production		Total Production		
		By Rail	By Water	By Truck	Locally For Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke	Of Coal	Of Coke	Age Of Males	No. Of Employes	
H. & G. Coal & Clay Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	132	1	-
Strip Permit No. 75-8	Jefferson	-	-	48,265	-	-	-	-	-	303	3	-
Strip Permit No. 75-12	Jefferson	-	-	18,265	-	-	-	-	-	4	4	-
Total		-	-	66,530	-	-	-	-	-	335	7	-
Hamilton Mining Co.	Jefferson	25,836	-	-	-	-	-	25,836	-	213	8	-
Strip Permit No. 143-10	Jefferson	11,081	-	-	-	-	-	11,081	-	67	6	-
Strip Permit No. 143-12	Jefferson	6,822	-	-	-	-	-	6,822	-	87	-	-
Strip Permit No. 143-13	Jefferson	10,481	-	-	-	-	-	10,481	-	69	3	-
Auger BAM-292	Jefferson	54,220	-	-	-	-	-	54,220	-	17	-	-
Total		92,339	-	-	-	-	-	92,339	-	306	17	-
Markle-Bullers Coal Co.	Jefferson	66,370	-	-	-	-	-	66,370	-	227	10	-
Strip Permit Nos. 504-1 & 2	Jefferson	23,987	-	-	-	-	-	23,987	-	81	10	-
Strip Permit No. 504-3	Jefferson	8,300	-	-	-	-	-	8,300	-	65	-	-
Strip Permit No. 504-4	Jefferson	12,300	-	-	-	-	-	12,300	-	181	4	-
Auger BAM-310	Jefferson	4,260	-	-	-	-	-	4,260	-	69	-	-
Auger BAM-365	Jefferson	115,217	-	-	-	-	-	115,217	-	24	-	-
Total		200,444	-	-	-	-	-	200,444	-	527	24	-
Minich Coal Co.	Armstrong	-	-	30,774	-	-	-	30,774	-	232	7	-
Strip Permit No. 445-2	Jefferson	-	-	9,819	-	-	-	9,819	-	76	-	-
Strip Permit No. 445-3	Jefferson	-	-	10,593	-	-	-	10,593	-	7	-	-
Total		-	-	40,593	-	-	-	40,593	-	7	-	-
Minns Coal Co.	Jefferson	24,516	-	31,436	5,565	-	-	61,517	-	297	10	-
Strip Permit No. 138-8	Jefferson	23,398	-	15,718	2,783	-	-	41,899	-	271	8	-
Strip Permit No. 138-9	Jefferson	47,911	-	47,154	8,318	-	-	103,416	-	18	-	-
Total		72,427	-	83,608	11,066	-	-	167,101	-	326	18	-
Moore Coal Co., Everett	Jefferson	25,565	-	-	-	-	-	25,565	-	262	3	-
Strip Permit No. 157-9	Jefferson	3,205	-	-	-	-	-	3,205	-	19	3	-
Auger BAM-268	Jefferson	28,770	-	-	-	-	-	28,770	-	6	-	-
Total		57,540	-	-	-	-	-	57,540	-	287	6	-
New Shawmut Mining Co.	Elk	-	-	18,218	-	-	-	18,218	-	213	2	-
Strip Permit No. 196-10	Elk	-	-	-	-	-	-	-	-	267	22	-
P. & N. Coal Co., Inc.	Elk	100,252	-	-	-	-	-	100,252	-	-	-	2
Strip Permit No. 32-3	Elk	6,127	-	-	-	-	-	6,127	-	-	-	-
Strip Permit No. 32-20	Elk	34,004	-	-	-	-	-	34,004	-	-	-	-
Strip Permit No. 32-35	Elk	23,494	-	-	-	-	-	23,494	-	214	6	-
Auger BAM-8	Elk	32,620	-	-	-	-	-	32,620	-	241	8	-
Strip Permit No. 32-33	Armstrong	8,830	-	-	-	-	-	8,830	-	52	1	-
Auger BAM-333	Armstrong	-	-	-	-	-	-	-	-	-	-	-

## District 30

Operators And Mines		Production Of Coal And Coke - Net Tons									
		Shipped To Market	Coal Used Locally	Coal Used For Heat & Power At Mine	Coal Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Worked	Average Days	No. Of Employees	Non-Fatal Accidents
County	By Rail	By Water	By Truck	By Domestic Purposes	By	By	By	By	By	By	By
P. & W. Coal Co., Inc. (Continued)											
Strip Permit No. 32-38	Jefferson	10,702	-	-	-	-	10,702	-	-	2	-
Strip Permit No. 32-34	Jefferson	35,060	-	-	-	-	35,060	-	196	9	-
Strip Permit Nos. 32-29&30	Jefferson	65,643	-	-	-	-	65,643	-	278	9	-
Auger BAM-149	Jefferson	26,000	-	-	-	-	26,000	-	142	6	-
Strip Permit No. 32-31	Jefferson	5,968	-	-	-	-	5,968	-	25	12	-
Strip Permit No. 32-37	Jefferson	24,406	-	-	-	-	24,406	-	109	10	1
Strip Permit No. 32-36	Jefferson	4,235	-	-	-	-	4,235	-	45	8	-
Auger BAM-358	Jefferson	326	-	-	-	-	326	-	3	3	-
Total		377,687	-	-	-	-	377,687	-	96	-	3
Pascaret, James											
Strip Permit No. 23-2	Jefferson	-	10,165	-	-	-	10,165	-	263	2	-
Smith & Rogos Coal Co.											
Strip Permit No. 135-2	Elk	-	17,554	-	-	-	17,554	-	277	5	-
Strip Permit No. 135-5	Elk	-	15,527	-	-	-	15,527	-	277	5	-
Auger BAM-304	Elk	-	11,928	-	-	-	11,928	-	176	3	1
Auger BAM-342	Elk	-	9,838	-	-	-	9,838	-	117	3	-
Total		-	54,847	-	-	-	54,847	-	16	-	1
Snyder, Marlin L.											
Strip Permit No. 395-2	Jefferson	-	5,878	-	-	-	5,878	-	194	1	-
Stahlman Coal Co., Inc., W. P.											
Strip Permit No. 9-22	Jefferson	10,604	-	-	-	-	10,604	-	152	7	-
Strip Permit No. 9-23	Jefferson	-	-	-	-	-	-	-	6	2	-
Strip Permit No. 9-24	Jefferson	87,142	-	450	-	-	90,147	-	304	9	1
Strip Permit No. 9-25	Jefferson	62,626	-	-	-	-	62,626	-	152	-	-
Total		160,372	-	450	-	-	163,677	-	18	-	1
Starr Coal Co.											
Strip Permit No. 368-4	Jefferson	22,016	-	-	-	-	22,016	-	250	3	-
Strip Permit No. 368-3	Elk	-	33,544	-	-	-	33,544	-	308	6	-
Auger BAM-277	Elk	-	20,349	-	-	-	20,349	-	157	3	-
Total		22,016	53,893	-	-	-	75,909	-	12	-	-
Strishock Coal Co.											
Strip Permit No. 214-6	Jefferson	14,770	-	-	-	-	14,770	-	192	8	-
Auger BAM-375	Jefferson	1,520	-	-	-	-	1,520	-	12	4	-
Total		16,290	-	-	-	-	16,290	-	12	-	-
Sugar Hill Limestone Co.											
Strip Permit Nos. 496-1 & 2	Jefferson	-	-	4,465	-	-	4,465	-	120	3	-

# District 30

Production Of Coal And Coke - Net Tons											
Operators And Mines	County	Shipped To Market		Coal Used		Coal		Used In		Total : Production Of Coal	Total : Production Of Coke
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used For Manu- facture Of Coke	Manu- facture Of Coke	Age Of Coke		
Tamburlin Brothers Coal Co.	Elk	-	-	5,713	-	-	-	-	99	5,713	6)
	Strip Permit No. 472-1	-	-	-	-	-	-	-	125	1,932	)
	Elk	-	-	1,932	-	-	-	-	204	16,330	)
	Strip Permit No. 472-2	-	-	-	-	-	-	-	-	-	-
Vollmer, Lawrence B.	Elk	-	-	23,979	-	-	-	-	-	23,979	6
	Strip Permit No. 472-3	-	-	-	-	-	-	-	-	-	-
District Total		-	-	-	1,021	-	-	-	237	1,021	1
District Total		1,006,245	-	462,120	30,451	450	-	1,499,266	-	1,499,266	334

# District 31

Carlin, Inc., R. S.	Centre	-	-	84,313	-	-	-	-	258	84,313	10
	Strip Permit No. 134-2	-	-	-	-	-	-	-	258	60,235	10
	Centre	-	-	60,235	-	-	-	-	126	49,809	10)
	Strip Permit No. 134-15	-	-	-	-	-	-	-	107	37,403	-
Donahay & Co., Inc.	Clinton	36,203	-	13,616	-	-	-	-	25	8,481	-
	Strip Permit No. 134-19	-	-	37,403	-	-	-	-	-	240,281	30
Elliot Coal Mining Co., Inc.	Clinton	1,300	-	7,181	-	-	-	-	-	-	-
	Strip Permit No. 134-20	-	-	-	-	-	-	-	-	-	-
District Total		37,503	-	202,778	-	-	-	-	-	-	-
Fisher Mining Co.	Centre	-	-	3,078	-	-	-	-	250	3,078	4
	Strip Permit No. 499-1	-	-	-	-	-	-	-	162	8,474	16)
	Centre	-	-	8,474	-	-	-	-	123	17,497	-
	Strip Permit No. 59-7	-	-	17,497	-	-	-	-	-	25,971	16
Garden Coal Co., Inc.	Clinton	-	-	25,971	-	-	-	-	-	-	-
	Strip Permit No. 80-2	-	-	-	-	-	-	-	293	17,523	5)
Lycoming	Lycoming	-	-	17,523	-	-	-	-	50	2,760	-
	Strip Permit No. 80-4	-	-	-	-	-	-	-	-	20,283	5
District Total		-	-	-	-	-	-	-	-	-	-
Garden Coal Co., Inc.	Clinton	80,511	-	-	-	-	-	-	149	80,511	22)
	Strip Permit No. 381-1 (a)	-	-	-	-	-	-	-	162	68,158	-
	Clinton	68,158	-	-	-	-	-	-	66	10,003	9
	Strip Permit No. 381-4	-	-	-	-	-	-	-	-	158,702	31
Lycoming	Lycoming	10,003	-	-	-	-	-	-	-	-	-
	Strip Permit No. 381-3 (a)	-	-	-	-	-	-	-	-	-	-
District Total		158,702	-	-	-	-	-	-	-	-	-



## District 31

		Production Of Coal And Coke - Net Tons										Fatal Accidents	Non-fatal Accidents
		Shipped To Market		Coal Used		Coal Used In		Total Production		Total Production			
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke	Of Coal	Of Coke	Days Worked	No. Of Employees		
Operators And Mines													
Johnson & Morgan Co.													
Strip Permit No. 490-1 (a)	Centre	-	-	14,443	-	-	-	14,443	-	54	10	-	
Strip Permit No. 490-2 (a)	Centre	-	-	47,887	-	-	-	47,887	-	158	-	-	
Strip Permit No. 490-3	Centre	-	-	45,747	-	-	-	45,747	-	142	-	-	
Strip Permit No. 490-4	Centre	-	-	4,935	-	-	-	4,935	-	17	-	-	
Total		-	-	113,012	-	-	-	113,012	-	-	10	-	
Jones & Brague Mining Co.													
Strip Permit No. 7-1	Tloga	-	-	271,142	3,379	-	-	274,521	-	306	46	-	
Strip Permit No. 7-3 (a)	Tloga	-	-	14,090	-	-	-	14,090	-	82	8	1	
Strip Permit No. 7-13	Tloga	-	-	69,038	-	-	-	69,038	-	256	-	-	
Strip Permit No. 7-5	Tloga	-	-	94,926	-	-	-	94,926	-	306	16	-	
Strip Permit No. 7-7	Tloga	-	-	56,930	836	-	-	57,766	-	306	11	2	
Strip Permit No. 7-10	Tloga	-	-	82,587	-	-	-	82,587	-	306	15	-	
Strip Permit No. 7-12	Tloga	-	-	25,894	-	-	-	25,894	-	120	5	-	
Total		-	-	614,607	4,215	-	-	618,822	-	-	103	2	
Kettle Creek Corp.													
Strip Permit No. 447-6	Clinton	76,070	-	2,817	258	-	-	79,145	-	281	32	-	
Strip Permit No. 447-7	Clinton	79,586	-	2,902	312	-	-	82,800	-	281	-	-	
Strip Permit No. 447-8 (a)	Clinton	11,886	-	425	191	-	-	12,502	-	92	-	-	
Strip Permit No. 447-9 (a)	Clinton	6,727	-	238	61	-	-	7,026	-	26	-	-	
Strip Permit No. 447-10	Clinton	36,847	-	1,416	195	-	-	38,458	-	117	-	-	
Strip Permit No. 447-11 (a)	Clinton	6,181	-	220	37	-	-	6,438	-	31	-	-	
Strip Permit No. 447-12 (a)	Clinton	8,796	-	354	89	-	-	9,239	-	22	-	-	
Strip Permit No. 447-13	Clinton	2,528	-	85	69	-	-	2,682	-	40	-	-	
Strip Permit No. 447-14	Clinton	9,100	-	36	38	-	-	9,174	-	24	-	-	
Total		237,721	-	8,493	1,250	-	-	247,464	-	-	32	-	
Kosko Brothers Coal Co.													
Strip Permit No. 241-1 (b)	Centre	-	-	16,901	-	-	-	16,901	-	139	4	-	
Percival, Paul		-	-	-	-	-	-	-	-	-	-	-	
Strip Permit Nos. 131-1 & 3	Lycoming	-	-	29,315	-	-	-	29,315	-	289	4	1	
Pike Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 430-8	Centre	-	-	6,501	-	-	-	6,501	-	40	9	-	
Rougeux & Trimpey Coal		-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 86-1 (a)	Clinton	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 86-4	Clinton	-	-	48,909	-	-	-	48,909	-	265	8	-	
Strip Permit No. 86-5 (a)	Clinton	-	-	-	-	-	-	-	-	-	-	-	
Total		-	-	48,909	-	-	-	48,909	-	-	8	-	



District 31

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used		Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-Fatal Accidents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Used In Manufacture Of Coke						
S. & D. Trucking Co.	Centre	-	-	23,182	-	-	-	23,182	-	152	6)	-	-
	Strip Permit No. 516-1	-	-	9,229	-	-	-	9,229	-	48	)	-	-
	Strip Permit No. 516-2	-	-	5,435	-	-	-	5,435	-	31	)	-	-
	Centre	-	-	37,846	-	-	-	37,846	-	-	6	-	-
Seprish & Urbanick Coal Co.	Centre	-	-	927	-	-	-	927	-	4	14)	-	-
	Strip Permit No. 128-1	-	-	38,761	-	-	-	38,761	-	136	)	-	-
	Centre	-	-	14,557	-	-	-	14,557	-	45	)	-	-
	Strip Permit No. 128-5	-	-	12,609	-	-	-	12,609	-	52	)	-	-
Stott Coal Co., Inc., James M.	Centre	-	-	66,854	-	-	-	66,854	-	-	14	-	-
	Strip Permit No. 278-3	23,400	-	-	-	-	-	23,400	-	120	24)	-	-
	Centre	39,800	-	-	-	-	-	39,800	-	120	)	-	-
	Strip Permit No. 278-4	33,300	-	-	-	-	-	33,300	-	120	)	-	-
Thompson Brothers Coal Co., Inc.	Centre	-	-	-	-	-	-	-	-	100	)	-	-
	Strip Permit No. 278-5	26,600	-	-	-	-	-	26,600	-	-	24	-	-
	Centre	123,100	-	-	-	-	-	123,100	-	-	-	-	-
	Strip Permit No. 127-6	7,706	-	-	-	-	-	7,706	-	46	4	-	-
Winters Construction, Melvin	Centre	-	-	435	-	-	-	435	-	45	2	-	-
	Strip Permit No. 11-1 (a)	-	-	-	-	-	-	-	-	-	-	-	-
	Centre	564,732	-	1,194,983	5,465	-	-	1,765,180	-	252	306	1	4
	District Total												

NOTE: (a) Completed Permit-backfilling.

(b) This stripping was sold to Johnson &amp; Morgan Company.

District 32

Bailey Estate, Robert  
 Strip Permit Nos. 144-6, 9, 13,  
 14, 15, 18, 19, 20, 21, 22 & 25 Clearfield  
 Benjamin Coal Co.  
 Strip Permit Nos. 64-7, 12, 13,  
 15, 17, 18, 19, 20, 21, 23, 24, 25,  
 26 & 27 Clearfield

178,360	-	-	-	-	-	-	-	178,360	-	195	80	-	-
712,938	-	-	-	-	-	-	-	712,938	-	202	83	-	2

## District 32

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market	By Rail	By Water	By Truck	Locally Used For Heat & Power At Mine	Coal Manufactured Of Coke	Coal Used In Manufacture Of Coke	Total Production Of Coal	Average Days Worked	No. Of Employees	Fatal Accidents	Non-fatal Accidents
<b>Benjamin Coal Co. (Continued)</b>													
<b>Auger</b>	<b>Clearfield</b>	-	-	-	7,853	-	-	-	7,853	-	202	3	-
<b>Total</b>		712,938	-	-	7,853	-	-	-	720,791	-	86	-	2
<b>Bradford Coal Co., Inc.</b>													
Strip Permit Nos. 61-7 & 19	Clearfield	-	-	-	128,200	-	-	-	128,200	-	305	21	-
Strip Permit Nos. 61-9, 13, 15, 17, 21 & 22	Clearfield	-	-	-	464,647	-	-	-	464,647	-	319	59	4
Strip Permit Nos. 61-10, 18 & 23	Clearfield	-	-	-	132,449	-	-	-	132,449	-	314	29	-
<b>Total</b>		-	-	-	725,296	-	-	-	725,296	-	109	-	4
<b>Brown Co., Earl M.</b>													
Strip Permit Nos. 104-5, 6, 7	Clearfield	-	-	-	104,486	-	-	-	104,486	-	157	20	-
<b>Carlin, Inc., R. S.</b>													
Strip Permit No. 134-7	Clearfield	-	-	-	133,916	-	-	-	133,916	-	258	20	-
<b>Clearfield Clay Products Co.</b>													
Strip Permit No. 438-2 (a)	Clearfield	-	-	-	15,487	-	-	-	15,487	-	300	6	-
<b>Clearfield Limestone Corp.</b>													
Strip Permit No. 258-3	Clearfield	-	-	-	41,075	-	-	-	41,075	-	312	11	-
<b>Compass Coal Co., Inc.</b>													
Strip Permit Nos. 33-4 & 5	Clearfield	41,026	-	-	-	-	-	-	41,026	-	240	10	1
<b>Auger</b>	Clearfield	1,929	-	-	-	-	-	-	1,929	-	27	3	-
<b>Total</b>		42,955	-	-	-	-	-	-	42,955	-	13	-	1
<b>Elliot Coal Mining Co., Inc.</b>													
Strip Permit Nos. 59-4, 5, 9, 15, 16 & 17	Clearfield	148,777	-	-	-	-	-	-	148,777	-	285	33	2
<b>Empire Coal Co.</b>													
Strip Permit Nos. 69-7, 9, 10, 11, 13, 14 & 15	Clearfield	94,900	-	-	8,818	-	-	-	103,718	-	314	26	3
<b>Flango Brothers Coal Co.</b>													
Strip Permit Nos. 161-3, 7, 8	Clearfield	-	-	-	82,987	2,223	-	-	85,210	-	310	31	1
<b>Gallagher Coal Co.</b>													
Strip Permit No. 371-1(C)	Clearfield	-	-	-	7,663	-	-	-	7,663	-	260	3	-
<b>Hailey Contracting Co., Inc.</b>													
Strip Permit No. 501-1	Clearfield	-	-	-	49,219	-	-	-	49,219	-	315	9	-
<b>Hamlin Coal Co., Inc.</b>													
Strip Permit Nos. 536-1 & 2	Clearfield	27,102	-	-	-	-	-	-	27,102	-	94	13	-
<b>Auger BAM-371</b>	Clearfield	6,983	-	-	-	-	-	-	6,983	-	94	3	-
<b>Total</b>		34,085	-	-	-	-	-	-	34,085	-	16	-	-

District 32

Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market	By Rail	By Water	Truck	By Domestic Purposes	Coal Used For Heat & Power At Mine	Coal Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Average Days Worked	No. Of Employees	Fatal Accidents	Non-fatal Accidents
Hepburnia Coal Co., Inc.														
Strip Permit Nos. 14-14, 16, 21, 22, 24 & 28	Clearfield	56,298	-	-	-	-	-	-	56,298	-	256	8	-	-
Hoffman Coal Co., Inc., J. E.														
Strip Permit Nos. 90-2, 5, 7	Clearfield	126,563	-	-	27,681	-	-	-	154,244	-	311	36	-	-
Homer City Coal Co.														
Strip Permit No. 38-5	Clearfield	-	-	-	29,367	-	-	-	29,367	-	270	8	-	1
Kasubick Brothers Coal Co.														
Strip Permit No. 181-1	Clearfield	-	-	-	7,573	-	-	-	7,573	-	238	4	-	-
Kristianson & Johnson Coal Co.														
Strip Permit Nos. 56-6, 12, 13, 15, 16, 17 & 18	Clearfield	-	-	-	300,210	-	-	-	300,210	-	303	62	-	6
Mays Coal Co., Leslie														
Strip Permit No. 365-1	Clearfield	-	-	-	3,750	-	-	-	3,750	-	120	1	-	-
McGovern Coal Co., Clair C.														
Strip Permit No. 440-2	Clearfield	-	-	-	13,325	-	-	-	13,325	-	289	5	-	-
Minds Coal Co., J. Arthur														
Strip Permit No. 391-2	Clearfield	-	-	-	1,639	-	-	-	1,639	-	120	2	-	-
Moshannon Falls Mining Co., Inc.														
Strip Permit Nos. 5-1 & 2(C)	Clearfield	80,711	-	-	-	-	-	-	80,711	-	309	14	-	1
Narehood Coal Co., Ellis														
Strip Permit No. 493-1 (b)	Clearfield	-	-	-	17,054	-	-	-	17,054	-	143	8	-	-
Orlando Coal Co., Dominick														
Strip Permit No. 416-2	Clearfield	24,919	-	-	-	-	-	-	24,919	-	258	8	-	-
Auger	Clearfield	9,032	-	-	-	-	-	-	9,032	-	71	3	-	-
<b>Total</b>		<b>33,951</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,951</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>-</b>
Pike Coal Co.														
Strip Permit Nos. 430-3, 4, 5 & 6	Clearfield	-	-	-	55,700	-	-	-	55,700	-	240	11	-	-
Powell Coal Co., C. E.														
Strip Permit Nos. 101-104	Clearfield	34,230	-	-	-	-	-	-	34,230	-	126	28	-	-
Reese Coal Co.														
Strip Permit No. 156-1	Clearfield	3,000	-	-	2,075	-	-	-	5,075	-	120	2	-	-
River Hill Coal Co., Inc.														
Strip Permit Nos. 20-1, 14, 15, 16, 18, 19, 20, 21, 22 & 23	Clearfield	259,746	-	-	25,098	1,032	-	-	285,876	-	263	63	-	-
Roy Coal Co., Inc.														
Strip Permit No. 313-1	Clearfield	-	-	-	2,800	-	-	-	2,800	-	245	3	-	-

## District 32

	County	Production Of Coal And Coke - Net Tons										Non-fatal Acci- dents
		Shipped To Market		Coal Used		Coal		Total		Aver-		
		By Rail	By Water	By Truck	Locally For Domestic Purposes	For Heat & Power At Mine	Used In Manu- facture Of Coke	Produc- tion Of Coal	Produc- tion Of Coke	age Days Worked	No. Of Em- ploys	Fatal Acci- dents
Operators And Mines												
Ryan Brothers Coal Co.												
Strip Permit Nos. 31-4, 5, 6	Clearfield	20,118	-	-	-	-	-	20,118	-	299	7	-
Auger	Clearfield	7,201	-	-	-	-	-	7,201	-	299	2	-
Total		27,319	-	-	-	-	-	27,319	-		9	-
Selected Fuels, Inc.												
Strip Permit Nos. 166-3 & 4	Clearfield	20,580	-	-	-	-	-	20,580	-	101	5	-
Shawville Coal Co., Inc.												
Strip Permit Nos. 30-1, 2, 9, 10 & 11	Clearfield	335,621	-	-	787	-	-	341,860	-	301	70	-
Strishock Coal Co.												
Strip Permit No. 214-3	Clearfield	37,725	-	-	-	-	-	37,725	-	277	10	-
Auger BAM-345	Clearfield	14,925	-	-	-	-	-	14,925	-	112	4	-
Total		52,650	-	-	-	-	-	52,650	-		14	-
Swistock & George												
Strip Permit Nos. 522-1 & 2 (c)	Clearfield	-	-	1,263	-	-	-	1,263	-	119	3	-
Teeter, John E.												
Strip Permit Nos. 147-4, 5, 6	Clearfield	-	-	54,290	-	-	-	54,290	-	144	18	-
Thomas Brothers Coal Co., Inc.												
Strip Permit Nos. 42-1 & 2 (d)	Clearfield	-	-	9,805	-	-	-	9,805	-	200	4	-
Thompson Brothers Coal Co., Inc.												
Strip Permit Nos. 127-3, 4, 5	Clearfield	100,498	-	-	-	-	-	118,116	-	290	7	-
Thompson Coal Co., Inc.												
Strip Permit Nos. 46-6, 9, 10	Clearfield	123,811	-	-	-	-	-	159,316	-	290	15	-
Thompson Coal Co., Inc., John A.												
Strip Permit Nos. 492-1, 2, 3 & 4	Clearfield	-	-	137,000	-	-	-	137,000	-	304	17	-
Turner Coal Co., Wilton R.												
Strip Permit No. 537-1 (e)	Clearfield	-	-	11,136	-	-	-	11,136	-	104	8	-
Wister Coal Co.												
Strip Permit No. 60-3	Clearfield	-	-	6,330	-	-	-	6,330	-	262	2	-
District Total		2,467,023	-	1,911,471	4,042	-	-	4,412,536	-	253	901	-

NOTE: (a) Coal and clay job started during June, 1969.  
 (b) Taken over by W. R. Turner Coal Company during September, 1969.  
 (c) Coal and clay job started during August, 1969.  
 (d) Permit No. 42-1 job loaded clay only this year. All coal loaded on Permit No. 42-2 job.  
 (e) Took over and continued same area as Narehood Coal Co. during September.

District 33

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Used For Heat & Power At Mine	Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Total : Average Days Worked	Non-Fatal Accidents
Ace Drilling Coal Co., Inc. Strip Permit No. 218-1 (a)	Cambria	-	-	-	-	-	-	-	-	144	4
Alumbaugh Coal Co., Inc. Strip Permit No. 84-2	Somerset	79,570	-	5,391	98	-	-	85,059	-	307	18
Strip Permit No. 84-5	Somerset	10,919	-	16,510	423	-	-	27,852	-	286	-
Total		90,489	-	21,901	521	-	-	112,911	-	18	1
Beachy & Beachy Coal Co. Strip Permit No. 290-1	Somerset	-	-	6,198	754	-	-	6,952	-	230	2
Bigan, John E. Strip Permit No. 291-2	Somerset	-	-	3,941	-	-	-	3,941	-	221	3
Strip Permit No. 291-3	Somerset	-	-	1,097	-	-	-	1,097	-	67	-
Total		-	-	5,038	-	-	-	5,038	-	3	-
Black Coal, Adam J. & Ruth Strip Permit No. 182-3	Huntingdon	-	-	2,350	-	-	-	2,350	-	66	5
Brant Coal Co., F. F. Strip Permit No. 194-1	Somerset	-	-	-	11,772	-	-	11,772	-	143	6
C. & K. Coal Co. Strip Permit No. 440	Somerset	75,208	-	-	-	-	-	75,208	-	154	18
C. & P. Coal Co. Strip Permit No. 298-3 (a)	Somerset	-	-	-	-	-	-	-	-	185	1
Strip Permit No. 298-4	Somerset	-	-	26,344	-	-	-	26,344	-	197	6
Strip Permit No. 298-5	Somerset	-	-	4,885	-	-	-	4,885	-	65	5
Total		-	-	31,229	-	-	-	31,229	-	12	-
Clark, C. E. Strip Permit No. 272-1	Bedford	-	-	-	2,200	-	-	2,200	-	213	2
Coal Junction Coal Co. Strip Permit No. 45-1 (a)	Somerset	-	-	-	-	-	-	-	-	57	3
Strip Permit No. 45-2	Somerset	69,427	-	5,711	1,615	5	-	76,758	-	285	7
Strip Permit No. 45-8	Somerset	26,237	-	-	-	-	-	26,237	-	152	5
Strip Permit No. 45-9	Somerset	2,008	-	-	-	-	-	2,008	-	59	5
Total		97,672	-	5,711	1,615	5	-	105,003	-	20	1
Cooney Brothers Coal Co. Strip Permit No. 238-1	Cambria	81,653	-	-	-	-	-	81,653	-	225	13
Strip Permit No. 238-2	Cambria	59,646	-	-	-	-	-	59,646	-	226	10
Auger Strip Permit No. 238-3	Cambria	690	-	-	-	-	-	690	-	226	2
Strip Permit No. 238-5	Cambria	31,840	-	-	-	-	-	31,840	-	228	6
Strip Permit No. 238-7	Cambria	15,805	-	41,896	-	-	-	41,896	-	228	7
Total		15,805	-	-	-	-	-	15,805	-	146	4







# District 33

Operators And Mines	County	Production Of Coal And Coke - Net Tons											
		Shipped To Market		Coal Used		Coal		Total		Aver-		Non-	
		By Rail	By Water	By Truck	For Domestic Purposes	Used For Heat & Power At Mine	Used In Manufacture Of Coke	Production Of Coal	Production Of Coke	age Days Worked	No. Of Employees		Fatal Acci-
Fetterolf Coal Co., Inc., M. F. (Continued)													
Strip Permit No. 216-14	Somerset	102,044	-	-	-	-	-	102,044	-	287	16	-	
Strip Permit No. 216-15	Somerset	28,124	-	-	-	-	-	28,124	-	73	4	-	
Strip Permit No. 216-16	Somerset	2,965	-	-	-	-	-	2,965	-	113	2	-	
Strip Permit No. 216-17	Somerset	54,829	-	-	-	-	-	54,829	-	40	3	-	
Strip Permit No. 216-18	Somerset	3,586	-	-	-	-	-	3,586	-	21	4	-	
Strip Permit No. 216-19	Somerset	2,762	-	-	-	-	-	2,762	-	21	3	-	
Total		209,316	-	-	-	-	-	209,316	-	144	144	-	
Fyock, N. J.													
Strip Permit No. 324-1	Somerset	-	-	48,100	3,700	-	-	51,800	-	294	9	-	
Glessner, Robert H.													
Strip Permit No. 221-5	Somerset	-	-	6,566	-	-	-	6,566	-	64	4	-	
Strip Permit No. 221-6	Somerset	-	-	15,565	-	-	-	15,565	-	156	8	-	
Strip Permit No. 221-7	Somerset	-	-	8,249	-	-	-	8,249	-	20	4	-	
Total		-	-	30,380	-	-	-	30,380	-	16	16	-	
Oodin Coal Co., Joseph													
Strip Permit No. 409-2 (a)	Somerset	-	-	-	-	-	-	-	-	245	2	-	
Strip Permit No. 409-3 (a)	Somerset	-	-	-	-	-	-	-	-	36	1	-	
Strip Permit No. 409-4	Somerset	40,168	-	-	-	-	-	40,168	-	274	11	-	
Strip Permit No. 409-5	Somerset	8,671	-	-	-	-	-	8,671	-	42	1	-	
Total		48,839	-	-	-	-	-	48,839	-	14	14	-	
Hepburnia Coal Co.													
Strip Permit No. 14-6	Cambria	12,700	-	-	-	-	-	12,700	-	43	2	-	
Strip Permit No. 14-10	Cambria	3,100	-	-	-	-	-	3,100	-	43	1	-	
Strip Permit No. 14-13	Cambria	30,730	-	-	-	-	-	30,730	-	203	4	-	
Strip Permit No. 14-17	Cambria	15,360	-	-	-	-	-	15,360	-	215	4	-	
Strip Permit No. 14-19	Cambria	12,780	-	-	-	-	-	12,780	-	171	4	-	
Strip Permit No. 14-20	Cambria	23,400	-	-	-	-	-	23,400	-	236	4	-	
Strip Permit No. 14-23	Cambria	3,300	-	-	-	-	-	3,300	-	68	2	-	
Strip Permit No. 14-25	Cambria	1,000	-	-	-	-	-	1,000	-	24	2	-	
Strip Permit No. 14-26	Cambria	4,200	-	-	-	-	-	4,200	-	45	1	-	
Total		106,570	-	-	-	-	-	106,570	-	22	22	-	
Heshbon Coal Co.													
Strip Permit No. 200-1	Cambria	51,558	-	-	-	-	-	51,558	-	228	9	-	
Huskin Run Coal Co.													
Strip Permit No. 512-1	Somerset	45,488	-	-	-	-	-	45,488	-	157	13	-	
Strip Permit No. 512-2	Somerset	21,856	-	-	-	-	-	21,856	-	117	13	-	
Total		67,344	-	-	-	-	-	67,344	-	13	13	-	

## District 33

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		Coal Used		Coal Used In		Total Production Of Coal	Total : Aver- age Days Of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		By Rail	By Water	By Truck	For Domestic Purposes	For Heat & Power At Mine	Coal Manu- facture Of Coke				
Johnstown High Grade Coal Co.	Cambria	-	-	26,842	-	-	-	26,842	276	9	-
Strip Permit No. 162-1											
Jolind Coal Co.	Somerset	-	-	20,358	-	-	-	20,358	147	5	-
Strip Permit No. 181-1											
Krieger, James	Bedford	-	-	3,210	-	-	-	3,210	123	2	-
Strip Permit No. 519-1											
Kristianson & Johnson Coal Co.	Cambria	105,862	-	-	-	-	-	105,862	361	24	-
Strip Permit No. 56-8											
L. & B. Coal Co.	Bedford	225	-	175	-	-	-	400	55	3	-
Strip Permit No. 270-4											
Strip Permit No. 270-5	Bedford	6,690	-	-	-	-	-	6,690	202	-	-
Total		225	-	6,865	-	-	-	7,090	3	-	-
Lasky Construction Co.	Somerset	-	-	39,034	-	-	-	39,034	76	10	-
Strip Permit No. 217-1											
Long, Robert G.	Somerset	34,857	-	10,000	-	-	-	44,857	264	8	-
Strip Permit No. 385-2											
Manor Hill Coal Co.	Somerset	32,654	-	11,206	-	-	-	43,860	288	6	-
Strip Permit No. 76-1											
North Cambria Fuel Co.	Cambria	57,622	-	-	791	-	-	58,413	300	9	-
Strip Permit No. 10-19											
Ohler, Leo	Somerset	-	-	-	3,633	-	-	3,633	90	2	-
Strip Permit No. 526-1											
P.B.S. Coals, Inc.	Somerset	119,209	-	-	-	-	-	119,209	308	18	1
Strip Permit No. 222-6											
Strip Permit No. 222-7 (a)	Somerset	154,344	-	-	-	-	-	154,344	275	2	-
Strip Permit No. 222-9											
Strip Permit No. 222-10	Somerset	162,443	-	-	-	-	-	162,443	303	12	-
Strip Permit No. 222-11	Somerset	31,184	-	-	-	-	-	31,184	296	7	-
Strip Permit No. 222-15	Somerset	20,200	-	-	-	-	-	20,200	261	3	-
Auger	Somerset	5,275	-	-	-	-	-	5,275	20	3	-
Total		492,655	-	-	-	-	-	492,655	69	-	2
P. & M. Equipment Co.	Somerset	-	-	20,501	-	-	-	20,501	234	8	-
Strip Permit No. 285-2											
Strip Permit No. 285-3	Somerset	-	-	21,774	-	-	-	21,774	141	7	-
Total		-	-	42,275	-	-	-	42,275	15	-	-
Peterson Coal Mining Co., Inc., C. E.	Somerset	-	-	32,960	-	-	-	32,960	305	6	-
Strip Permit No. 325-2											
Auger	Somerset	-	-	15,917	-	-	-	15,917	118	3	-
Total		-	-	48,877	-	-	-	48,877	9	-	-

**District 33**

Operators And Mines	County	Production Of Coal And Coke - Net Tons									
		Shipped To Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	For Heat & Power At Mine	Coal Used For Manufacture Of Coke	Coal Used In Manufacture Of Coke	Total Production Of Coal	Total Production Of Coke	Days Of Em-ployes worked
<b>Pine Hill Smokeless Coal Co.</b>											
Strip Permit No. 168-1	Somerset	-	-	20,932	-	-	-	-	20,932	-	239
<b>Pontefract Smokeless Coal Co.</b>											
Strip Permit No. 169-1	Somerset	36,780	-	-	-	-	-	-	36,780	-	194
Strip Permit No. 169-2	Somerset	40,358	-	970	-	-	-	-	41,328	-	240
Strip Permit No. 169-3	Somerset	40,674	-	-	-	-	-	-	40,674	-	260
Strip Permit No. 169-4	Somerset	45,093	-	-	-	-	-	-	45,093	-	243
Strip Permit No. 169-5	Somerset	13,029	-	-	-	-	-	-	13,029	-	66
<b>Total</b>		175,934	-	970	-	-	-	-	176,904	-	21
<b>Powell Coal Co., C. E.</b>											
Strip Permit No. 101-6	Cambria	79,700	-	-	-	-	-	-	79,700	-	228
Strip Permit No. 101-11	Cambria	70,100	-	-	-	-	-	-	70,100	-	207
<b>Total</b>		149,800	-	-	-	-	-	-	149,800	-	35
<b>Richards, Kenneth G.</b>											
Strip Permit No. 453-1	Somerset	-	-	1,600	-	-	-	-	1,600	-	130
Auger	Somerset	-	-	16,800	-	-	-	-	16,800	-	3
Strip Permit No. 453-2	Somerset	-	-	25,600	-	-	-	-	25,600	-	243
Strip Permit No. 453-3 (a)	Somerset	-	-	-	-	-	-	-	-	-	60
<b>Total</b>		-	-	44,000	-	-	-	-	44,000	-	9
<b>S. &amp; S. Coal Co.</b>											
Strip Permit No. 534-1	Somerset	-	-	1,500	-	-	-	-	1,500	-	30
Sanmer Brothers Coal Co.	Somerset	55,337	-	233,288	8,687	-	-	-	297,312	-	307
Strip Permit No. 308-6	Somerset	15,163	-	8,395	207	-	-	-	23,765	-	76
Strip Permit No. 308-7	Somerset	70,500	-	241,683	8,894	-	-	-	321,077	-	26
<b>Total</b>		-	-	-	-	-	-	-	-	-	-
<b>Scurfield Coal Co.</b>											
Strip Permit No. 256-1 (a)	Somerset	-	-	-	-	-	-	-	-	-	170
Strip Permit No. 256-3	Somerset	48,394	-	-	-	-	-	-	48,394	-	239
Strip Permit No. 256-4	Somerset	16,831	-	-	-	-	-	-	16,831	-	154
Strip Permit No. 256-6	Somerset	20,350	-	17,000	-	-	-	-	37,350	-	180
<b>Total</b>		85,575	-	17,000	-	-	-	-	102,575	-	16
<b>Shaffer Coal, Myron</b>											
Strip Permit No. 259-2	Somerset	-	-	6,594	-	-	-	-	6,594	-	271
Slifco Brothers	Somerset	-	-	3,505	-	-	-	-	3,505	-	230
Strip Permit No. 275-1	Somerset	-	-	7,200	-	-	-	-	7,200	-	240
<b>Spickler Coal Co.</b>											
Strip Permit No. 475-1	Fulton	-	-	-	-	-	-	-	-	-	2

## District 33

## Production Of Coal And Coke - Net Tons

Operators And Mines	County	Shipped To Market		By		Truck		Coal Used		Coal Used		Coal Used		For Heat & Power		At Mine		Of Coke		Total Production		Average Days Worked		No. Of Employees		Fatal Accidents		Non-Fatal Accidents	
		Rail	Water	By	Water	By	Water	Locally	For Domestic Purposes	For Heat & Power	Used	Used	Used	At Mine	At Mine	At Mine	Of Coke	Of Coke	Of Coke	Of Coke	Days	Worked	Plays	Fatal	Fatal	Acci-	Acci-		
Svonavec Coal Co.	Somerset	23,070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,070	-	194	-	8	-	-	-	-	
Strip Permit No. 209-5	Somerset	2,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,600	-	100	-	2	-	-	-	-	
Strip Permit No. 209-8	Somerset	20,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,547	-	234	-	9	-	-	-	-	
Strip Permit No. 209-9	Somerset	5,500	-	-	-	-	-	5,547	-	-	-	-	-	-	-	-	-	-	-	5,500	-	110	-	2	-	-	-	-	
Strip Permit No. 209-10	Somerset	18,904	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18,904	-	120	-	4	-	-	-	-	
Strip Permit No. 209-11	Somerset	9,801	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,801	-	60	-	4	-	-	-	-	
Strip Permit No. 209-12	Somerset	10,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,474	-	60	-	29	-	-	-	-	
Strip Permit No. 209-13	Somerset	90,349	-	-	-	-	-	5,547	-	-	-	-	-	-	-	-	-	-	-	95,896	-	-	-	-	-	-	-	-	
Total																													
Weakland Brothers Coal Co.	Cambria	-	-	29,855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,855	-	230	-	7	-	-	-	-	
Strip Permit No. 219-6	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	267	-	7	-	-	-	-	
Zubek & Yantus Coal Co.	Somerset	32,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,600	-	-	-	-	-	-	-	-	
Strip Permit No. 332-3 (a)	Somerset	32,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,600	-	-	-	-	-	-	-	-	
Strip Permit No. 332-4	Somerset	32,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,600	-	-	-	-	-	-	-	-	
Total																													
District Total		2,178,694	-	928,756	39,427	5	-	3,146,882	-	-	-	-	-	-	-	-	-	-	-	3,146,882	-	213	-	681	-	11	-	-	

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NOTE: (a) Backfilling.

# **GEOGRAPHICAL TABLE**





## District 1

[illegible]

## District 2

Reeseville Mining, Inc.									
Reeseville No. 2	Armstrong	Lo. Kittanning	40	-	-	-	6	25	-
Top Grade Mining Co.	Armstrong	Lo. Kittanning	42	-	-	-	2	24	-
Colmao No. 1									
						District Total	8	49	-



# District 4

Operators And Mines	County	Geological Name Of Coal Bed	Kind Of Opening		Pitch	Or	Gaseous	Number And Type		Explosives Used - Pounds	Ammonium Nitrate	Other (Name)
			Height: Shaft	Slope: Drift				Lamps Used				
			Of	Aver	age							
		Seam		age								
		In-										
		ches	Depth	Length	Degrees	Drift	Nongaseous	Open	Flame Elec	Permissible		
								Safety	Explosives	Dynamite		
			60	-	-	-	Drift Nongaseous	1	2	500	-	-
		Sewickley										
							District Total	169	538	17,300	-	-
Operators And Mines	Greene											
R. & S. Coal Co.												
R. & S. No. 2												

# District 5

Duquesne Light Co.	Allegheny	Thick Freeport	72	225'	-	-	-	-	Gaseous	-	25	90	550	-	-
Harwick	Allegheny	Thick Freeport	86	125'	-	-	-	-	Gaseous	-	48	296	3,000	-	-
Harmar Coal Co.	Allegheny	Thick Freeport	84	-	550'	16°	-	-	Gaseous	-	52	114	-	-	-
Harmar									Total	-	100	410	3,000	-	-
Oakmont															
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Allegheny	Thick Freeport	84	511'	-	-	-	-	Gaseous	-	53	206	1,100	-	-
Renton	Allegheny	Thick Freeport	96	-	1,400'	16°	-	-	Gaseous	-	62	250	6,000	-	-
Republic Steel Corp.															
Newfield									District Total	-	240	956	10,650	-	-

# District 6

Lipp Coal Co., Andreas Lipp	Allegheny	Redstone	48	-	-	-	-	-	Drift	Nongaseous	1	1	-	40	-
Mathies Coal Co.				56'2"											
				84'											
				335'											
				296'											
				273'											
				417'											
Mathies	Washington	Pittsburgh	62	-	-	-	-	-	Drift	Gaseous	110	450	5,500	-	Airdox

## District 6

Operators And Mines	County	Geological Name Of Coal Bed	Height: Of Shaft: Seam : In-ches :	Kind Of Opening		Number And Type		Explosives Used - Pounds	Ammonium Nitrate	Other (Name)			
				Slope :	Drift:	Lamps Used :							
				Aver- : : age : : Pitch : : Or : : Flame : Elec-: Permissible									
				Length: Degrees: Drift: Nongaseous: Open: Safety: Electric: Explosives									
Peggs Run Coal Co., Inc.	Beaver	Up. Freeport	50	-	-	Drift Nongaseous	-	6	48	36,250	-	-	Airdox
Peggs Run No. 2	Washington	Pittsburgh	64	-	-	Drift Nongaseous	1	1	-	150	-	-	-
Pera Coal Co., Angelo	Washington	Pittsburgh	60	-	800'	17° Drift Gaseous	-	145	350	3,500	-	-	Airdox
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Washington	Pittsburgh	62	-	-	Drift Gaseous	-	85	267	7,000	-	-	Airdox
Montour No. 4						Total	-	230	617	10,500	-	-	-
Westland						District Total	2	348	1,115	52,440	-	-	-

## District 7

Bell Coal Co.	Washington	Pittsburgh	72	-	-	Drift Nongaseous	-	2	4	450	-	-	-
Eclipse	Washington	Pittsburgh	71	278'	1,249'	17° - Gaseous	-	97	359	16,200	-	-	-
Bethlehem Mines Corp.	Washington	Pittsburgh	68	460'	-	Gaseous	-	119	419	500	-	-	-
Ellsworth No. 51	Washington	Pittsburgh	65	305'	1,270'	17° - Gaseous	-	102	400	-	-	-	-
Marianna No. 56	Washington	Pittsburgh				Total	-	318	1,178	16,700	-	-	-
Somerset No. 60	Washington	Pittsburgh	72	26'	-	Drift Nongaseous	-	2	10	600	-	-	-
Tremont Mining Co.	Washington	Pittsburgh											
Crescent No. 3	Washington	Pittsburgh	63	259'	-	Drift Gaseous	-	86	720	1,200	-	-	-
United States Steel Corp.	Washington	Pittsburgh		250'	-								
Maple Creek	Washington	Redstone	36	-	-	Drift Nongaseous	2	1	-	130	-	-	-
Zippay Coal Co.	Washington	Redstone											
Zippay						District Total	2	409	1,912	19,080	-	-	-







## District 10

County	Operators And Mines	Geological Name Of Coal Bed	Height: Of Seam: In- ches:	Kind Of Opening			Number And Type			Explosives Used - Pounds	Ammonium Nitrate (Name)			
				Shaft:	Slope	Drift:	: Aver-:	: age:	: Gaseous:			: Or:	: Flame:Elec-Permissible	
														Depth:
Rochester & Pittsburgh Coal Co.	Armstrong	Up. Freeport	42	-	245'	16°	-	Gaseous	-	60	150	300	-	-
	Emilie No. 1-2	Lo. Freeport	58	-	375'	16°	-	Gaseous	-	145	370	181,000	-	-
	Jane No. 1-2	Lo. Freeport	44	-	-	-	-	Drift Gaseous	-	38	130	300	-	-
	Margaret No. 7							Total	-	243	650	181,600	-	-
Smith Coal Co., George F. Rosenberger No. 2	Armstrong	Up. Freeport	46	-	-	-	-	Drift Nongaseous	-	1	2	550	-	-
								District Total	-	370	971	305,750	-	-

## District 11

Bollinger Coal Co.	Armstrong	Mahoning	48	-	-	-	-	Drift Nongaseous	-	2	6	150	-
	Bollinger No. 2							Drift Gaseous	-	65	110	-	-
	Canterbury Coal Co.	Thick Freeport	114	-	-	-	-	Drift Nongaseous	-	2	6	500	-
	David	Up. Freeport	48	-	-	-	-	Drift Nongaseous	-	4	12	14,000	-
Casella Coal Co., Inc.	Armstrong	Up. Freeport	56	-	120'	15°	-	Nongaseous	-	2	3	500	-
	Casella	Lo. Kittanning	48	45'	-	-	-	Drift Gaseous	-	35	95	145,000	-
	Edmon Coal Co.	Up. Freeport	46	35'	100'	-	-	Nongaseous	-	3	9	1,900	-
	Sarah Ball	Up. Freeport	44	-	-	-	-	Drift Nongaseous	-	2	4	2,300	-
Kaskan Coal Co.	Armstrong	Mahoning	44	90'	350'	17°	-	Gaseous	-	17	40	37,050	-
	Kaskan No. 2							Drift Nongaseous	-	2	4	1,800	-
	Leechburg Mining Co.	Up. Freeport	40	-	-	-	-	Drift Nongaseous	-	2	4	1,800	-
	Foster No. 65	Mahoning	40	-	-	-	-	Drift Nongaseous	-	2	4	50	-
Mateer Coal Co.	Armstrong	Up. Freeport	48	-	-	-	-	Nongaseous	-	35	95	145,000	-
	Mateer No. 4							Drift Gaseous	-	3	9	1,900	-
	Partner Coal Co.	Up. Freeport	44	-	-	-	-	Drift Nongaseous	-	2	4	2,300	-
	Gilmore No. 1	Westmoreland	44	-	-	-	-	Drift Nongaseous	-	17	40	37,050	-
Penn Allegheny Coal Co., Inc.	Allegheny	Up. Freeport	44	-	-	-	-	Gaseous	-	2	4	1,800	-
	Allegheny							Drift Nongaseous	-	2	4	1,800	-
	Wells Brothers Coal Co.	Up. Freeport	40	-	-	-	-	Drift Nongaseous	-	2	4	1,800	-
	Wells No. 1							Drift Nongaseous	-	2	4	50	-
Wheeler Coal Co.	Armstrong	Up. Freeport	40	-	-	-	-	Drift Nongaseous	-	2	4	1,800	-
	Wheeler No. 10	Mahoning	40	-	-	-	-	Drift Nongaseous	-	2	4	50	-

## District 11

Operators And Mines	County	Geological Name Of Coal Bed	Height: Shaft: Of :	Kind Of Opening: Slope :	: Aver- : Age :	: Pitch :	: Drift: : Degrees:	: Number And Type : : Lamps Used :	Explosives Used - Pounds	Ammonium Nitrate	Other (Name)
Wood Coal Co.	Allegheny	Up. Freeport	42	-	-	-	Drift Nongaseous	-	2	5	510
Notes							District Total	-	138	298	203,760

## District 12

Angelyk Brothers	Westmoreland	Redstone	48	-	-	-	Drift Nongaseous	4	2	-	100
Julie											
Ansell Coal Co., Earl	Westmoreland	Redstone	50	-	-	-	Drift Nongaseous	-	2	3	300
Joyce											
Davis, Henry	Westmoreland	Pittsburgh	72	-	-	-	Drift Nongaseous	-	1	4	600
C. & Y.											
Eastern Associated Coal Corp.	Westmoreland	Up. Freeport	52	-	-	-	Drift Gaseous	-	40	155	3,000
Belmont											
Kravokuch Coal Co.	Westmoreland	Redstone	48	-	-	-	Drift Gaseous	-	3	10	1,000
Scott Haven											
Orisk Coal Co.	Westmoreland	Pittsburgh	96	-	150'	20°	Nongaseous	-	1	8	100
Orisk											
Pittsburgh Coal Co., Div. of											
Consolidation Coal Co.	Westmoreland	Pittsburgh	74	230'	-	-	Gaseous	-	25	140	100
Hutchinson											
Republic Steel Corp.	Westmoreland	Pittsburgh	90	-	820'	16°	Gaseous	-	75	300	1,400
Banning No. 4											
S. & U. Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	Drift Nongaseous	-	2	13	500
Marchand											
Sekora Coal Co., Inc.	Westmoreland	Pittsburgh	72	-	2,000'	12°	Nongaseous	-	2	6	300
Sekora											
Serickley Coal Co.	Westmoreland	Redstone	48	-	150'	12°	Nongaseous	-	2	6	300
Lord											
Westmoreland Co. Institution	District										
County Home	Westmoreland	Pittsburgh	84	-	-	-	Drift Nongaseous	-	1	4	1,800
							District Total	4	156	649	9,500

# District 13

Operators And Mines	County	Geological Name Of Coal Bed	Height: Shaft: Of : : In- : : ches : : Depth: Length: Degrees: Drift: Non-gaseous: Open: Safety: Electric : Explosives	Kind Of Opening				Number And Type				Explosives Used - Pounds					
				Slope	Drift:	Aver- : : age : : Pitch : : Or : : Flame : Elec-: Permissible	Gaseous : : Or : : Safety: Electric : Explosives	Lamps Used : : Dynamite	Ammonium Nitrate	Other (Name)							
Jones & Laughlin Steel Corp.																	
Shannopin	Greene	Pittsburgh	76	190'	-	-	Drift Gaseous	-	60	532	9,600	-	-	-			
Korona Coal Co.	Fayette	Pittsburgh	96	449'	350'	14°	Nongaseous	-	2	10	2,000	-	-	-			
Oliphant	Fayette	Sewickley	68	-	-	-	Drift Nongaseous	1	1	1	250	-	-	-			
Kovach Coal Co.	Fayette	Pittsburgh	96	-	2,500'	7°	Nongaseous	-	2	20	2,200	-	-	-			
Kovach No. 3	Fayette	Pittsburgh	84	-	-	-	Drift Nongaseous	-	1	4	500	-	-	-			
McGee Coal Co.	Fayette	Pittsburgh	60	-	-	-	Drift Nongaseous	3	-	-	150	-	-	-			
Sapper	Fayette	Pittsburgh	86	-	700'	14°	Gaseous	-	65	250	2,500	-	-	-			
McNair Coal Co.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	-	4	450	-	-	-			
McNair No. 2	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	2	1	1	50	-	-	-			
Minor Coal Co.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
National Mines Corp.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Isabella	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Stanley Coal Co.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Forrest	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Weimer Coal Co.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Sunshine No. 1	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Z. & M. Coal Co.	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
Rodavich	Fayette	Sewickley	60	-	-	-	Drift Nongaseous	-	1	2	125	-	-	-			
District Total														6	133	824	17,825

# District 14

Black Diamond Coal Co. Black Diamond Black Diamond No. 2	Indiana	Up. Freeport	36	-	-	-	-	Drift Nongaseous	-	2	7	1,156	-	-	-	
	Indiana	Up. Freeport	40	-	-	-	-	Drift Nongaseous	-	-	-	468	-	-	-	
	Total															
	1,624															
	Brocius, Harold E. Brocius Cannel Coal Co., Inc.	Armstrong	Up. Kittanning	50	-	-	-	-	Drift Nongaseous	-	2	2	1,450	-	-	-
		Armstrong	Cannel Coal	96	-	-	-	-	Drift Nongaseous	-	2	4	500	-	-	-
	Cessna Coal Co. Cessna No. 3 Cessna No. 4	Indiana	Up. Freeport	42	-	-	-	-	Drift Nongaseous	-	3	14	-	-	-	-
Indiana		Lo. Kittanning	36	-	-	-	-	Drift Nongaseous	-	-	-	-	-	-	-	
Total																
34																

## District 14

Operators And Mines	County	Geological Name Of Coal Bed	Height: Of In-ches	Kind Of Opening :						Number And Type :			Explosives Used - Pounds		Ammonium Nitrate (Name)		
				Shaft:	Slope :	Drift:	Aver- age :	Pitch :	Gaseous :	Lamps Used :	Or :	: Flame:Elec-Permissible : Safety:Explosives	Dynamite				
														Drift:		Drift:	Drift:
Davis Coal Co.	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	2	3	400	-	-	-	
Doverspike Brothers Coal Co.	Indiana	Lo. Kittanning	40	-	-	-	-	-	-	-	8	60	-	-	-	-	
Fairview Coal Co.	Jefferson	Lo. Freeport	30	-	-	-	-	-	-	-	2	8	1,900	-	-	-	
Ferrara	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	3	2	300	-	-	-	
Freedom Mining Co., Inc.	Jefferson	Lo. Kittanning	40	-	-	-	-	-	-	-	4	20	-	-	-	-	
Milton No. 1	Jefferson	Lo. Freeport	42	-	-	-	-	-	-	-	2	2	50	-	-	-	
Garzoni & Sons Coal Co.	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	2	26	-	-	-	-	
Harman Coal Corp.	Indiana	Brookville	38	-	-	-	-	-	-	-	18	74	-	-	-	-	
Harman No. 1	Jefferson	Lo. Freeport	36	-	-	-	-	-	-	-	2	8	-	-	-	-	
Johnstown Coal & Coke Co.	Jefferson	Lo. Freeport	54	-	-	-	-	-	-	-	3	16	1,500	-	-	-	
Bear Run	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	2	6	1,500	-	-	-	
Kennedy Coal Co.	Jefferson	Lo. Kittanning	34	-	-	-	-	-	-	-	6	40	-	-	-	-	
Kniseley Coal Co.	Indiana	Lo. Freeport	38	-	-	-	-	-	-	-	1	2	30	-	-	-	
No. 4	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	1	2	425	-	-	-	
No. 10	Jefferson	Lo. Freeport	38	-	-	-	-	-	-	-	8	50	-	-	-	-	
Kraynak Coal Co.	Jefferson	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
No. 3	Jefferson	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	
Markle-Bullers Coal Co.	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goben	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. & R. Coal Co.	Jefferson	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
S. & R.	Jefferson	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
Smith Coal Co.	Indiana	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
Blose No. 1	Indiana	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
United Industries, Inc.	Jefferson	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
Schrock No. 3	Jefferson	Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
District Total											3	72	344	9,679	-	-	-

# District 15

Operators And Mines	County	Geological Name	Of Coal Red	Height Of Seam Inches	Kind Of Opening			Number And Type	Explosives Used - Pounds			Ammonium Nitrate	Other (Name)
					Shaft	Slope	Drift		Lamps Used	Dynamite	Permissible		
					Of	: Aver- : : age : : Pitch : : Degrees :	: Gaseous : : Or : : Flame : : Elec- : : Permissible :						
					In-	: Depth : : Length : : Degrees :	: Drift : : Nongaseous : : Open : : Safe : : Y. : : Electric :						
Chestnut Ridge Mining Co.	Indiana	Lo. Kittanning	38	-	-	-	Drift Nongaseous	3	20	-	-	-	-
Chestnut Ridge No. 1	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	6	25	100	-	-	-
Copper Valley Coal Co.	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	20	50	-	-	-	-
Copper Valley No. 4	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	3	1	900	-	-	-
Dixon Run Coal Co.	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	23	90	-	-	-	-
Dixon Run No. 1	Indiana	Lo. Kittanning	42	-	-	-	Drift Nongaseous	5	32	-	-	-	-
F. P. & K. Coal Co.	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	17	96	1,495	-	-	-
Moros	Indiana	Lo. Kittanning	43	-	-	-	Drift Nongaseous	-	-	-	-	-	-
Florence Mining Co., The	Indiana	Lo. Kittanning	34	-	-	-	Drift Nongaseous	4	25	-	-	-	-
Black Dick	Indiana	Lo. Kittanning	38	-	-	-	Drift Nongaseous	4	25	-	-	-	-
Olory Coal Co., Inc.	Indiana	Lo. Kittanning	32	-	-	-	Drift Nongaseous	4	25	-	-	-	-
Glory No. 2	Indiana	Lo. Kittanning	41	-	-	-	Drift Nongaseous	12	71	500	-	-	-
Greenwich Collieries Co.	Indiana	Lo. Kittanning	38	-	-	-	Drift Nongaseous	4	25	-	-	-	-
Imperial Coal Corp.	Indiana	Lo. Kittanning	40	-	-	-	Drift Nongaseous	4	25	-	-	-	-
Cherryhill No. 4	Indiana	Lo. Kittanning	68	-	-	-	Drift Gaseous	2	25	-	-	-	-
Leasure No. 1	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	3	24	-	-	-	-
M. Y. Coal Co.	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	6	36	-	-	-	-
M. Y. No. 1	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	3	34	-	-	-	-
Mears Coal Co.	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	12	104	-	-	-	-
Kerry No. 1	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
North American Coal Corp., The	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Coneaugh No. 4	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Pelles Brothers Coal Co.	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Pelles No. 2	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Penn Hill Coal Corp.	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Penn Hill No. 2	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Rochester & Pittsburgh Coal Co.	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Lucerne No. 3 & 3A	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Valley Coal Co.	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Valley No. 2 Prep. Plant	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Valley No. 8	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Valley No. 11	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Valley No. 12	Indiana	Lo. Kittanning	44	-	-	-	Drift Nongaseous	3	121	638	2,995	-	-
Total										3	121	638	2,995
District Total										3	121	638	2,995





## District 17

Operators And Mines	County	Geological Name	Of Coal Bed	Height: Shaft: Of : : : Seam : : : In- : : : ches : Depth:	Kind Of Opening		Gaseous : Or : : Degrees: Drift: Nongaseous:	Number And Type		Explosives Used - Pounds	Ammonium Nitrate (Name)
					Slope	Drift:		Lamps Used	Explosives Used		
Cambria Hills Coal Co.											
Apple No. 4	Clearfield	Lo. Freeport	42	-	-	-	Drift Nongaseous	2	8	-	-
Elliot Coal Mining Co., Inc.											
Elcoal No. 1	Clearfield	Mid. Kittanning	36	-	-	-	Drift Nongaseous	4	38	-	-
F. & K. No. 1	Clearfield	Brookville	40	-	-	-	Drift Nongaseous	2	31	10,000	-
Rose Mary	Clearfield	Brookville	48	-	-	-	Drift Nongaseous	2	31	1,000	-
Wilbor No. 1	Clearfield	Lo. Freeport	36	-	-	-	Drift Nongaseous	4	38	-	-
							Total	12	138	11,000	-
Falls Creek Coal Co.											
Falls Creek No. 1	Bradford	Lo. Kittanning	43	-	-	-	Drift Nongaseous	2	1	150	-
Granville Coal Co.											
Granville No. 5	Centre	Brookville	60	-	-	-	Drift Nongaseous	2	20	4,500	-
Ginter	Clearfield	Up. Freeport	34	-	-	-	Drift Nongaseous	2	10	-	-
							Total	4	30	4,500	-
Laurel Hill Coal Co.											
Laurel Hill No. 1	Cambria	Lo. Freeport	48	-	-	-	Drift Nongaseous	2	1	150	-
North Camp Mining Co.											
North Camp No. 1	Clearfield	Up. Kittanning	32	-	-	-	Drift Nongaseous	4	15	-	-
North Camp No. 3	Clearfield	Up. Kittanning	34	-	-	-	Drift Nongaseous	6	35	-	-
							Total	10	50	-	-
Radonsky Coal Co., George											
Driscoll Hollow No. 7	Cambria	Lo. Kittanning	50	-	-	-	Drift Nongaseous	4	50	-	-
River Hill Coal Co.											
River Hill No. 3	Clearfield	Brookville	52	-	-	-	Drift Nongaseous	2	10	-	-
Rushcon Mining Co.											
Rushton	Centre	Brookville	55	230'	610'	16°	Nongaseous	24	165	12,600	Airdox
							District Total	4	68	497	29,600

## District 18

Barnes & Tucker Co.											
Lancashire No. 15	Cambria	Lo. Kittanning	44	423'	-	-	Drift Gaseous	25	92	-	-
Lancashire No. 24B	Indiana	Lo. Kittanning	44	492'	1,587'	14°	Gaseous	70	290	15,125	-
Lancashire No. 24D	Indiana	Lo. Freeport	42	411'	1,587'	14°	Gaseous	107	300	14,975	-



## District 19

Operators And Mines		County		Kind Of Opening		Number And Type		Explosives Used - Pounds		Other		
Geological Name		Of Coal Bed		Height: Shaft	Slope	Drift	Lamps Used			Ammonium Nitrate		
Of		Seam		Of	Age	Gaseous	Or			Dynamite		
In-		Pitch		ches	Depth	Length	Degrees	Drift	Non-gaseous	Open	Safety	
Bethlehem Mines Corp.	Cambria	Lo. Kittanning	365'	-	-	-	Gaseous	-	75	450	27,500	-
			960'									
			681'									
			645'									
Eastern Associated Coal Corp.	Cambria	Lo. Kittanning	334'	850'	17°	Drift	Gaseous	-	42	291	700	-
Colver "B"				District Total				-	117	711	28,200	-

## District 20

Bethlehem Mines Corp.	No. 31	Cambria	Lo. Kittanning	42	643' 643' 503'	36'10,500'	3.5° -	Gaseous	-	89	422	5,950	-	-
					24'		-	Drift Gaseous	-	46	180	3,150	-	-
	No. 77	Cambria	Lo. Kittanning	38	24'	-	-	Total	-	135	602	9,100	-	-
Commercial Coal Co.		Cambria	Lo. Kittanning	43	-	-	-	Drift Nongaseous	-	2	4	250	-	-
D. & J. Coal Co.		Cambria	Lo. Kittanning	48	-	-	-	Drift Nongaseous	-	2	4	200	-	-
Laurel Valley Coal Co., Inc.		Cambria	Up. Kittanning	32	-	-	-	Drift Nongaseous	-	3	12	210	-	-
Standard Collieries, Inc.		Cambria	Up. Kittanning	29	-	-	-	Drift Nongaseous	-	2	5	100	-	-
Conemaugh Vinton Coal Co.		Cambria	Lo. Kittanning	42	-	-	-	Drift Nongaseous	-	2	3	100	-	-
Vinton No. 3								District Total	-	146	630	9,960	-	-

## District 21

County	Operators And Mines	Geological Name Of Coal Bed	Inches	Depth	Length	Degrees	Kind Of Opening			Number And Type			Explosives Used - Pounds	Ammonium Nitrate	Other (Name)	
							Shaft	Slope	Drift	Lamps Used	:	:				:
Cambria	Bethlehem Mines Corp. Bird No. 2 Bird No. 3	Up. Kittanning	46	-	-	-	Drift	Nongaseous	-	13	62	500	-	-	-	
		Up. Kittanning	60	-	-	-	Drift	Gaseous	-	32	188	400	-	-	-	
		Lo. Kittanning	42	-	520'	14°	-	Drift	Gaseous	-	38	222	600	-	-	-
								Total	-	70	410	1,000	-	-	-	
Cambria	Chappell & Sady Coal Co. Lick Run Dalton Run Coal Co. No. 3 H. W. Z. Coal Co. Bonscreek No. 2 Jandy Coal Co., Inc. Eureka No. 40 Upper Lonely Coal Co. Lonely Meske Coal Co. Meske Ohio Street Coal Co. Ohio Street Pennsylvania Coal & Coke, Div. of Colt Industries, Inc. Ehrenfeld No. 8 Shuster Coal Co. No. 2	Lo. Kittanning	48	-	-	-	Drift	Nongaseous	-	2	6	250	-	-	-	
		Up. Kittanning	60	-	-	-	Drift	Nongaseous	-	2	20	3,000	-	-	-	
		Lo. Kittanning	40	-	2,000'	10°	-	Gaseous	-	5	12	350	-	-	-	
		Up. Kittanning	60	-	-	-	Drift	Gaseous	-	16	97	500	-	-	-	
		Up. Kittanning	48	-	-	-	Drift	Nongaseous	-	2	5	100	-	-	-	
		Up. Kittanning	50	-	-	-	Drift	Nongaseous	3	2	-	225	-	-	-	
		Up. Kittanning	42	-	-	-	Drift	Nongaseous	3	2	-	285	-	-	-	
		Lo. Freeport	45	-	-	-	Drift	Gaseous	-	42	200	67,550	-	-	-	
		Up. Kittanning	52	-	-	-	Drift	Nongaseous	-	3	10	1,800	-	-	-	
								District Total	6	159	822	75,560	-	-	-	

## District 22

Locality	Depth	Interval	Material	No.
Ace Coal Co. Chamberlain No. 3	62	-	1,000'	1 - 100
"B" Quality Coal Co., The "B" Quality No. 8	Up. Kittanning	-	-	2 8
Barton Coal Co. Figard No. 3	Somersett	-	Drift Nongaseous	-
	Kelly	-	Drift Nongaseous	2 1 - 1,200

## District 22

County	Geological Name	Of Coal Bed	Height: Shaft: Of : : : In : : : ches : Depth: Length: Degrees: Drift: Nongaseous: Open: Safety: v. t. r. ic : Explosives	Kind Of Opening		Number And Type :		Explosives Used - Pounds		Ammonium Nitrate	Other	
				Slope	Drift:	Lamps Used :	: :	: :	: :			
Somerset	Up. Kittanning	42	-	-	-	Drift Nongaseous	1	1	-	74	-	-
	Up. Kittanning	40	-	-	-	Drift Nongaseous	-	2	20	2,850	-	-
	Up. Kittanning	48	-	-	-	Drift Nongaseous	-	2	20	4,590	-	-
						Total	-	4	40	7,440	-	-
	Up. Freeport	70	-	-	-	Drift Nongaseous	-	2	14	-	-	-
	Lo. Kittanning	36	-	-	-	Drift Nongaseous	-	1	2	75	-	-
	Up. Kittanning	38	-	-	-	Drift Nongaseous	-	2	10	2,200	-	-
	Up. Kittanning	38	-	-	-	Drift Nongaseous	-	1	3	100	-	-
	Up. Kittanning	33	-	-	-	Drift Nongaseous	1	1	-	150	-	-
	Up. Kittanning	38	-	-	-	Drift Nongaseous	-	1	2	350	-	-
Somerset	Lo. Kittanning	48	-	-	-	Drift Nongaseous	2	1	-	115	-	-
	Up. Kittanning	42	-	-	-	Drift Nongaseous	-	1	4	750	-	-
	Up. Kittanning	36	-	-	-	Drift Nongaseous	-	1	3	3,109	-	-
	Lo. Kittanning	40	-	-	-	Drift Nongaseous	-	5	30	-	-	-
	Up. Kittanning	36	-	-	-	Drift Nongaseous	-	6	60	-	-	-
						Total	-	11	90	-	-	-
	Lo. Kittanning	50	-	-	-	Drift Nongaseous	-	3	30	10,500	-	-
	Up. Kittanning	42	-	-	-	Drift Nongaseous	-	1	4	400	-	-
	Up. Kittanning	42	-	-	-	Drift Nongaseous	7	2	4	590	-	-
	Up. Freeport	46	-	-	-	Drift Nongaseous	5	1	-	950	-	-
Somerset	Up. Kittanning	41	-	-	-	Drift Nongaseous	-	2	5	3,000	-	-

## District 22

County	Operators And Mines	Geological Name Of Coal Bed	Kind Of Opening				Number And Type			
			Height: Shaft: Slope		: Drift:		Lamps Used		Explosives Used - Pounds	
			Of	: : Aver-	: : Gaseous	: : :	: : :	: : :	: : :	
			In-ches	: Depth:Length:Degrees:	Drift:Nongaseous:Open:	Safety:Electric:Explosives	Dynamite	Ammonium Nitrate	Other (Name)	
Richland Coal Corp.	Eureka No. 35 Lower	Lo. Kittanning	42	- - -	- Drift Nongaseous	-	2	5	600	-
	Shade Valley Coal Co.	Up. Kittanning	36	- - -	- Drift Nongaseous	-	3	18	3,290	-
	Reitz No. 5									
	Shubert & Kraylik Coal Co.	Up. Kittanning	40	- - -	- Drift Nongaseous	-	2	6	300	-
	Simon Coal Co.									
	Harriett No. 6	Kelly	60	- - -	- Drift Nongaseous	2	1	-	50	-
	Solar Fuel Co.	Up. Kittanning	36	- - -	- Drift Nongaseous	-	4	30	-	-
	Solar Fuel No. 3	Lo. Kittanning	42	- - -	- Drift Nongaseous	-	4	40	-	-
	Solar Fuel No. 4				Total	-	8	70	-	-
	T. L. S. Coal Co.									
Valent Coal Co.	No. 3-B	Lo. Kittanning	48	- - -	- Drift Nongaseous	-	2	12	4,000	-
	Valent	Up. Kittanning	40	- 250' -	- Nongaseous	2	1	-	50	-
	Valent									
	Valley Coal Co.	Up. Kittanning	42	- - -	- Drift Nongaseous	-	3	24	6,500	-
	Cairbrook No. 9									
Zurenda Coal Co.	Zurenda	Lo. Kittanning	60	- - -	- Drift Nongaseous	2	1	-	50	-

## District 23

Bittern Coal Co. No. 3	Somerset	Berlin No. 2	36	-	150'	17°	-	Nongaseous	1	1	-	60	-
Burk & Ernst Coal Co. Burk	Somerset	Lo. Freeport	32	-	-	-	-	Drift Nongaseous	-	2	4	2,000	-
Cicciarella, Joseph Cicciarella	Somerset	Up. Freeport	32	-	395'	5°	-	Nongaseous	2	2	-	10	-
G. M. & W. Coal Co., Inc. Grove	Somerset	Up. Kittanning	70	-	-	-	-	Drift Nongaseous	-	4	22	-	-
Law & Kennedy Coal Co. No. 17D	Somerset	Lo. Freeport	36	-	-	-	-	Drift Nongaseous	2	2	-	1,200	-



## District 23

Operators And Mines	County	Geological Name Of Coal Bed	Height: Of Seam Inches	Shaft: Slope	Kind Of Opening: Slope	Drift: Average Pitch	Degrees: Pitch	Nongaseous: Drift	Open: Safety	Explosives Dynamite	Permissible Explosives Nitrate	Ammonium Nitrate	Other (Name)
Luce & Kowaleski L. & K. No. 22	Somerset	Lo. Freeport	30	-	-	-	-	Drift Nongaseous	4	2	3	3,000	-
Miller, Carl F. Moore Coal Co.	Somerset	Lo. Freeport	32	-	-	-	-	Drift Nongaseous	1	1	-	200	-
Moore Petrosky, Victor	Somerset	Up. Freeport	48	-	-	-	-	Drift Nongaseous	3	1	-	50	-
Petrosky's Phemister, H. I.	Westmoreland	Pittsburgh	60	-	-	-	-	Drift Nongaseous	1	1	-	200	-
Watson No. 5 Shaffer, Nevil L.	Westmoreland	Double Freeport	72	-	-	-	-	Drift Nongaseous	-	1	3	200	-
Shaffer Snyder, Everett R.	Somerset	Sewickley	44	-	-	-	-	Drift Nongaseous	1	1	-	20	-
Snyder No. 18 Spewock, Theodore	Somerset	Lo. Freeport	30	-	-	-	-	Drift Nongaseous	-	1	3	2,050	-
Clark Hollow Svonavec, Inc.	Westmoreland	Lo. Freeport	48	-	-	-	-	Drift Nongaseous	1	1	-	100	-
Svonavec Thomas, Samuel	Somerset	Up. Kittanning	30	-	-	-	-	Drift Nongaseous	-	2	9	-	-
Thomas No. 2 Trent Coal Co.	Somerset	Up. Freeport	48	-	-	-	-	Drift Nongaseous	2	1	-	100	-
Trent Turcheck, J. J.	Somerset	Up. Kittanning	32	-	-	-	-	Drift Nongaseous	-	1	8	2,400	-
Turcheck	Westmoreland	Pittsburgh	84	-	-	-	-	Drift Nongaseous	3	1	-	-	-
District Total										21	25	52	11,590

## District 24

Balzano Coal Co. Balzano No. 2	Cambria	Up. Kittanning	46	-	-	-	-	Drift Nongaseous	4	1	-	400	-
Barnes & Tucker Co. Lancashire No. 20	Cambria	Lo. Kittanning	53	-	-	-	-	17'0"	-	97	300	12,785	-
Barnhart Coal Co. Barnhart No. 2	Cambria	Up. Freeport	42	-	-	-	-	Drift Nongaseous	-	1	2	2,250	-



## District 25

Operators And Mines	County	Geological Name Of Coal Bed	Height: Shaft: Of :	Kind Of Opening			Number And Type :			Explosives Used - Pounds	Ammonium Nitrate (Name)
				Shaft:	Slope	Drift:	Lamps Used	:	:		
			Seam :	Age :	Aver- Pitch :	Drift:	Gaseous :	Or :	Flame :Elec-:Permissible		
			In-ches :	Length:Degrees:	Drift:	Nongaseous:	Open:	Safety:	Explosives	Dynamite	
Ambrosia Coal & Construction Co. (Continued)	Lawrence	Clarion	22	-	-	-	-	-	6,607	-	269,007
Strip Permit No. 103-8									10,936	-	1,703,646
Atwell Coal Co.	Venango	Lo. Kittanning	26	-	-	-	-	-	500	-	40,000
Blum Coal Co.	Beaver	Lo. Kittanning	24	-	-	-	-	-	-	-	-
Strip Permit No. 421-2									-	-	-
Strip Permit No. 421-3	Beaver	Lo. Freeport	28	-	-	-	-	-	-	-	-
Carlson Mining	Lawrence	Mid. Kittanning	32	-	-	-	-	-	912	-	75,972
Strip Permit No. 487-1									-	-	-
Clark Coal Co.	Mercer	Brookville	60	-	-	-	-	-	-	-	-
Strip Permit No. 498-2									-	-	-
Center Coal Co.	Mercer	Brookville	54	-	-	-	-	-	-	-	-
Strip Permit No. 204-2									-	-	-
Darlington Brick & Clay Co.	Beaver	Mid. & Lo. Kitt.	14-26	-	-	-	-	-	-	-	33,095
Strip Permit No. 336-3									-	-	-
DeMarsh Coal, Theodore	Lawrence	Lo. Kittanning	30	-	-	-	-	-	-	-	-
Strip Permit No. 62-9									-	-	-
Dodds Coal Co.	Beaver	Mid. & Lo. Kitt.	30-22	-	-	-	-	-	200	-	100,000
Strip Permit No. 6-4									100	-	50,000
Strip Permit No. 6-5	Beaver	Mid. & Lo. Kitt.	30-24	-	-	-	-	-	200	-	120,000
Strip Permit No. 6-6	Lawrence	Mid. & Lo. Kitt.	30-24	-	-	-	-	-	500	-	270,000
Goetz Coal Co., Wm. O.	Venango	Clarion	40	-	-	-	-	-	-	-	27,000
Strip Permit No. 193-5									-	-	-
Strip Permit No. 193-6	Venango	Clarion	22	-	-	-	-	-	-	-	124,000
Jack Brothers Construction Co.	Venango	Lo. Kittanning	26	-	-	-	-	-	6,000	-	-
Strip Permit No. 450-5 & 7									-	-	-
Medusa Portland Cement Co.	Lawrence	Mid. Kittanning	26	-	-	-	-	-	-	-	178,300
Strip Permit No. 360-1									4,200	-	-
Strip Permit No. 360-2	Lawrence	Lo. Freeport	40	-	-	-	-	-	-	-	-
Mineral Hill Corp.	Venango	Mid. & Lo. Kitt.	24	-	-	-	-	-	1,050	-	74,744
Strip Permit No. 515-1									-	-	-
Miller & McKnight Coal Co.	Mercer	Brookville	54	-	-	-	-	-	-	-	-
Strip Permit No. 240-9									-	-	-
Pengrove Coal Co.	Venango	Brookville	36	-	-	-	-	-	-	-	70,000
Strip Permit No. 74-1									7,500	-	-
Strip Permit No. 74-5	Venango	Lo. Kittanning	22	-	-	-	-	-	-	-	-

## District 25

[illegible]



## District 26

Operators And Mines		County	Geological Name	Height: Shaft: Of :	Kind Of Opening: Slope :	Drift:	Number And Type :		Explosives Used - Pounds	
Seam :	Age :	Gaseous :	In- :	Pitch :	Or :	Flame :	Elec-:	Permissible	Dynamite	Ammonium Nitrate
ches :	Depth:	Length:	Drift:	Non:	Gaseous:	Open:	Safety:	Explosives		(Name)
Prote Brothers Coal Co. Strip Permit No. 469-1	Washington	Pittsburgh	66	-	-	-	-	-	-	-
Q. & R. Coal Co. Strip Permit No. 422-2	Allegheny	Pittsburgh	70	-	-	-	-	-	-	-
Sterkovich Brothers Strip Permit No. 140-2	Washington	Pittsburgh	56	-	-	-	-	-	100	-
Auger B&M-341	Washington	Pittsburgh	56	-	-	-	-	-	-	-
			Total						100	-
Twilight Industries, Inc. Strip Permit Nos 1-17, 21, 23	Washington	Pittsburgh	60	-	-	-	-	-	7,300	146,270
Tyomas, Leroy Strip Permit No. 538-1	Washington	Pittsburgh	96	-	-	-	-	-	100	2,000
Wood Coal Co. Strip Permit No. 301-1	Allegheny	Up. Freeport	60	-	-	-	-	-	3,100	-
District Total									232,433	3,966,375

## District 27

[illegible]



**District 27**

Operators And Mines	County	Geological Name	Of Coal Bed	Inches	Depth	Kind Of Opening			Number And Type			Explosives Used - Pounds	Ammonium Nitrate	Other (Name)
						Shaft	Slope	Drift	Aver-	Pitch	Or	Gaseous	Flame	Elec-Permissible
<b>C. &amp; K. Coal Co. (Continued)</b>														
Strip Permit No. 4-57	Clarion	Clarion		44	-	-	-	-	-	-	-	-	43,800	278,350
Strip Permit No. 4-59	Clarion	Clarion		40	-	-	-	-	-	-	-	-	134,800	603,100
Strip Permit No. 4-60	Clarion	Clarion		32	-	-	-	-	-	-	-	-	34,900	108,700
Strip Permit No. 4-61	Clarion	Clarion		42	-	-	-	-	-	-	-	-	129,600	518,790
<b>Total</b>												-	710,497	3,791,005
<b>Dean Contractor, Inc., Ernest C.</b>														
Strip Permit No. 379-12	Clarion	Up. Kittanning		26	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-13	Clarion	Lo. Kittanning		29	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-14	Clarion	Lo. Freeport		60	-	-	-	-	-	-	-	-	150	30,000
Strip Permit No. 379-15	Clarion	Lo. & Mid. Kitt.		30	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-16	Clarion	U.M.L. Kitt.-L. Free		36	-	-	-	-	-	-	-	-	-	-
Glenn, W. Paul	Clarion	Lo. Kittanning		36	-	-	-	-	-	-	-	-	-	-
<b>H. &amp; G. Coal &amp; Clay Co., Inc.</b>														
Strip Permit Nos. 75-9, 10, 13, 14 & 15	Clarion	Clarion-Lo. Kitt.		36	-	-	-	-	-	-	-	-	-	-
<b>Jack Brothers Construction Co.</b>														
Strip Permit No. 450-6	Clarion	Lo. Kittanning		25	-	-	-	-	-	-	-	-	11,000	252,000
Strip Permit No. 450-8	Clarion	Clarion		36	-	-	-	-	-	-	-	-	-	-
<b>Kable Coal Co.</b>														
Strip Permit No. 66-1	Clarion	Clarion		30	-	-	-	-	-	-	-	-	34,252	261,432
Strip Permit No. 66-8	Clarion	Clarion		29	-	-	-	-	-	-	-	-	8,563	65,358
<b>Total</b>												-	42,815	326,790
<b>Mauersberg Coal Co.</b>														
Strip Permit No. 344-4	Clarion	Lo. & Mid. Kitt.		54	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 344-7 & 9	Clarion	Lo. Kittanning		27	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-11	Clarion	Lo. Kittanning		28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-12	Clarion	U.M. & Lo. Kitt.		74	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 344-13	Clarion	Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-
<b>Mays Coal Co.</b>														
Strip Permit No. 210-2	Clarion	Clarion		48	-	-	-	-	-	-	-	-	10,235	412,035
Strip Permit No. 210-4	Clarion	Clarion		48	-	-	-	-	-	-	-	-	11,327	638,495
<b>Total</b>												-	21,562	1,050,530
<b>Miles Coal Co., Clyde</b>														
Strip Permit No. 509-1 & 2	Clarion	Clarion		30	-	-	-	-	-	-	-	-	5,599	384,790
<b>Reddinger, Terry</b>														
Strip Permit No. 344-6	Clarion	Mid. Kittanning		30	-	-	-	-	-	-	-	-	1,000	20,000
Strip Permit No. 344-7	Clarion	Clarion		34	-	-	-	-	-	-	-	-	-	-



District 28

Operators And Mines	County	Geological Name	Of Coal Bed	Height Of Shaft	Kind Of Opening			Inches	Depth	Length	Degrees	Drift	Number And Type			Explosives Used - Pounds	Ammonium Nitrate	Other
					Of	Shaft	Slope	Drift					Lamps	Used	Explosives			
					Seam		Age						Gaseous					
					In-		Pitch						Or		Flame	Electric	Permissible	
					ches		Length						Open		Safety	Explosives	Dynamite	Nitrate
																		(Name)
<b>Allison Engineering Co.</b>																		
Strip Permit No. 39-4	Butler	Mid. Kittanning		32	-	-	-	-	-	-	-	-	-	-	-	1,100	208,000	-
Strip Permit No. 39-11	Butler	Brookville		36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 39-16, 22	Butler	Mid. Kittanning		36	-	-	-	-	-	-	-	-	-	-	-	200	-	-
<b>Altire Brothers Coal Co., Inc.</b>																		
Strip Permit No. 29-13	Armstrong	Mahoning		48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 29-14	Armstrong	Up. Freeport		44	-	-	-	-	-	-	-	-	-	-	-	200	-	-
													Total					
<b>Akerly, Donald K.</b>																		
Strip Permit No. 287-4	Armstrong	Pittsburgh		90	-	-	-	-	-	-	-	-	-	-	-	18,500	450	-
<b>B. &amp; G. Construction Co., Inc.</b>																		
Strip Permit No. 25-2	Armstrong	Up. Freeport		40	-	-	-	-	-	-	-	-	-	-	-	66,000	-	-
Strip Permit No. 25-3	Armstrong	Up. Freeport		40	-	-	-	-	-	-	-	-	-	-	-	62,000	-	-
Strip Permit No. 25-4	Armstrong	Up. & Lo. Free.		40	-	-	-	-	-	-	-	-	-	-	-	101,000	-	-
													Total					
<b>Baughman Coal Co., Inc., R. D.</b>																		
Strip Permit No. 151-28	Armstrong	Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 151-30	Armstrong	Lo. Kittanning		36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 151-32	Armstrong	Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 151-34	Armstrong	Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger		Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-49	Armstrong	Up. Freeport		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-331	Armstrong	Lo. Kittanning		30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-363	Armstrong	Up. Freeport		36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Black Fox Mining &amp; Development Corp.</b>																		
Strip Permit Nos. 289-5 & 6	Armstrong	Up. & Lo. Free.		36	-	-	-	-	-	-	-	-	-	-	-	576,000	423,000	-
<b>Brown Brothers Coal Co.</b>																		
Strip Permit No. 485-1	Armstrong	Up. Freeport		38	-	-	-	-	-	-	-	-	-	-	-	150	6,205	-
<b>Carpentertown Coal &amp; Coke Co.</b>																		
Strip Permit No. 184-3	Armstrong	Up. Freeport		38	-	-	-	-	-	-	-	-	-	-	-	63,535	2,000	-
Strip Permit No. 184-4	Armstrong	Up. Freeport		38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-348	Armstrong	Up. Freeport		38	-	-	-	-	-	-	-	-	-	-	-	-	-	-
													Total					
<b>Cogley &amp; McIlwain</b>																		
Strip Permit No. 247-1	Armstrong	Up. Freeport		40	-	-	-	-	-	-	-	-	-	-	-	950	11,360	-
<b>DeMarsh Coal, Theodore</b>																		
Strip Permit Nos. 62-8 & 10	Butler	Mid. Kittanning		34	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## District 28

Operators And Mines	County	Geological Name Of Coal Bed	Height: Shaft: Of : : : : Seam : : : : In- : : : : ches : Depth:	Kind Of Opening			Number And Type :			Explosives Used - Pounds	Ammonium Nitrate (Name)	
				Slope	Drift:	Aver- age :	Gaseous :	Or :	Flame : Elec-: Permissible			
												Length: Degrees:
Duncan, L. G.	Armstrong	Up. Freeport	29	-	-	-	-	-	-	800	30,000	-
Strip Permit No. 279-2	Armstrong	Up. Freeport	29	-	-	-	-	-	-	-	-	-
Auger										800	30,000	-
Grove City Construction Co.												
Strip Permit No. 122-5	Butler	Brookville	34	-	-	-	-	-	144,000	18,000	-	-
Strip Permit No. 122-6	Butler	Mid. Kittanning	37	-	-	-	-	-	-	-	-	-
Grove City Limestone Co.												
Strip Permit No. 483-1	Butler	Brookville	34	-	-	-	-	-	-	600	9,800	-
Strip Permit No. 483-2	Butler	Brookville	34	-	-	-	-	-	-	325	5,000	-
										925	14,800	-
Harman Co., Inc., Paul C.												
Strip Permit No. 322-7	Armstrong	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-
Harman Coal Co.												
Strip Permit No. 514-1	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-
Hawk Brothers Contracting Co.												
Strip Permit No. 121-5	Armstrong	Lo. & Mid. Kitt.	36	-	-	-	-	-	-	1,033	258,335	-
Houser, Earl												
Strip Permit Nos. 163-1 & 2	Armstrong	Up. & Lo. Free.	48	-	-	-	-	-	-	-	-	-
Huff Coal Co.												
Strip Permit No. 318-3	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	-	-
Kerry Coal Co.												
Strip Permit No. 41-13, 14, 15	Butler	Lo. Free. & M. Kitt.	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 41-16, 17	Butler	Lo. Freeport	36	-	-	-	-	-	-	-	-	-
L. & E. Construction & Equipment Co., Inc.												
Strip Permit No. 28-2	Armstrong	Up. Freeport	40	-	-	-	-	-	11,000	-	-	-
Strip Permit No. 28-4	Armstrong	Up. & Lo. Free.	48	-	-	-	-	-	102,000	-	-	-
									113,000	-	-	-
Lucas Coal Co.												
Strip Permit No. 174-4	Butler	Brookville	42	-	-	-	-	-	3,000	1,500	150,000	-
Strip Permit No. 174-5	Butler	Lo. Kittanning	30	-	-	-	-	-	-	50	2,000	-
									3,000	1,550	152,000	-
Manor Minerals, Inc.												
Strip Permit No. 333-4	Armstrong	Up. Freeport	48	-	-	-	-	-	135,200	17,637	-	-
Martin, James E.												
Strip Permit No. 419-3	Armstrong	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-
Mathieson Coal Co.												
Strip Permit No. 208-4	Butler	Up. Freeport	36	-	-	-	-	-	-	5,400	268,000	-
Strip Permit No. 208-5	Butler	Up. Freeport	36	-	-	-	-	-	-	600	20,000	-
									-	6,000	288,000	-



## District 28

Operators And Mines		County	Kind Of Opening				Number And Type		Explosives Used - Pounds		Ammonium Nitrate (Name)
Height: Shaft			: Slope	: Drift	: Lamps	: Type					
Geological Name	Of Coal Bed		Of	: Aver-	: Gaseous	: Or	: Flame: Elec-: Permissible				
In-	ches	Depth: Length: Degrees: Drift: Non-gaseous: Open: Safety: Nitric: Explosives	: Pitch								
West Freedom Mining Corp. (Continued)											
Strip Permit No. 68-16	Armstrong		48	-	-	-	-	-	-	-	-
Auger BAH-352	Armstrong		48	-	-	-	-	-	-	-	-
						Total		596,815			-
Western Hickory Coal Co., Inc.											
Strip Permit No. 152-4	Butler		24	-	-	-	-	-	-	800	33,525
Strip Permit No. 152-6	Butler		36	-	-	-	-	-	-	8,450	245,200
Auger BAH-356	Butler		36	-	-	-	-	-	-	-	-
						Total		9,250	278,725		-
West-Mont Coal & Clay Co., Inc.											
Strip Permit No. 367-2	Butler		48	-	-	-	-	-	-	-	-
Wolcott, Dale M.											
Strip Permit No. 397-2	Armstrong		72	-	-	-	-	-	-	-	-
Wright Coal Co., Grant R.											
Strip Permit No. 117-3	Butler		36	-	-	-	-	-	-	-	-
District Total									1,428,220	1,337,934	2,248,385

\* 500 pounds of Black Powder were used at this operation.

## District 29

[illegible]



District 29

Operators And Mines	County	Of Coal Bed	Geological Name	Inches	Depth	Kind Of Opening			Gaseous	Or	Number And Type			Explosives Used - Pounds	Ammonium Nitrate	Other
						Shaft	Slope	Drift			Lamps Used	Electric	Permissible			
						Height Of										
						Seam										
						In-										
						ches	Length	Degrees	Drift	Non-gaseous	Open	Safety	Explosives	Dynamite		(Name)
Arcadia Co., Inc., The (Continued)	Indiana	Up. Freeport	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-280	Indiana	Up. Freeport	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-372																
Bartoni Coal Co.	Fayette	Pittsburgh	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	222,444	-
Strip Permit No. 410-5																
Beilchick Brothers	Indiana	Lo. Freeport	Lo. Freeport	40	-	-	-	-	-	-	-	-	-	5,350	40,000	-
Strip Permit No. 95-1																
Benjamin Coal Co.	Indiana	L.M. & U. Kitt.	L.M. & U. Kitt.	12-36	-	-	-	-	-	-	-	-	-	8,780	547,840	-
Strip Permit No. 64-16	Indiana	Lo. & Mid. Kitt.	Lo. & Mid. Kitt.	12-36	-	-	-	-	-	-	-	-	-	1,680	104,600	-
Strip Permit No. 64-22	Indiana	Lo. Kittanning	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-
Auger BAM-367																
Benson, William C.	Westmoreland	Pittsburgh	Pittsburgh	84	-	-	-	-	-	-	-	-	-	10,460	652,440	-
Strip Permit No. 387-1																
Borta Coal Co.	Fayette	Redstone	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 456-1	Fayette	Redstone	Redstone	36	-	-	-	-	-	-	-	-	-	-	34,000	-
Strip Permit No. 456-2	Fayette	Redstone	Redstone	36	-	-	-	-	-	-	-	-	-	-	74,000	-
Strip Permit No. 456-3	Fayette	Pittsburgh	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 456-4																
Bridge Coal Co.	Westmoreland	Redstone	Redstone	46	-	-	-	-	-	-	-	-	-	-	108,000	-
Strip Permit No. 481-1																
Brown, C. W.	Westmoreland	Up. Freeport	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	21,695	-
Strip Permit No. 273-2																
Dippel & Dippel Coal Co.	Greene	Waynesburg	Waynesburg	40	-	-	-	-	-	-	-	-	-	3,600	49,000	-
Strip Permit No. 486-1	Greene	Waynesburg	Waynesburg	46	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 486-2																
Fillaggi Coal Co.	Fayette	Sewickley	Sewickley	50	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 178-9																
Ford & Gaskill	Greene	Redstone	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 139-2																
Fox, H. E.	Westmoreland	Redstone	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 198-1																
Fryake & Nole Coal Co.	Fayette	Miller "B"	Miller "B"	42	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 242-2, 3, 4																
Geary Ridge Coal Co.	Westmoreland	Redstone	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 429-1																

## District 29

Operators And Mines	County	Geological Name Of Coal Bed	Kind Of Opening				Number And Type		Explosives Used - Pounds		Ammonium Nitrate (Name)
			Height: Shaft: Of :	Slope : : Aver- : : age : : Pitch : : Or : : Flame :Elec-:Permissible ches :Depth:Length:Degrees:Drift:Nongaseous:Open:Safety:tric :Explosives	Drift:	Lamps Used :	Dynamite	Nitrate			
Genesee Coal Co. Strip Permit No. 244-10 Strip Permit No. 244-12 Strip Permit No. 244-13	Greene	Sewickley	48	-	-	-	-	-	-	-	22,000
	Fayette	Redstone	36	-	-	-	-	-	-	-	60,000
	Fayette	Redstone	30	-	-	-	-	-	-	-	8,000
											90,000
Green, Inc., Walter Strip Permit No. 250-1 Strip Permit No. 250-6	Westmoreland	Redstone	36	-	-	-	-	-	-	-	-
	Fayette	Up. & Lo. Kitt.	27-40	-	-	-	-	-	-	-	24,000
											24,000
Hall & Hall, Inc., J. M. & J. M., Jr. Strip Permit No. 441-2 Head Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-
Auger Strip Permit Nos. 124-3, 4 Haley Brothers Coal Co.	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-
	Fayette	Sewickley	60	-	-	-	-	-	-	50	500
	Fayette	Up. Kittanning	36	-	-	-	-	-	-	500	14,500
Kaiser Refractories Strip Permit No. 390-1 Kruelock, Steve Strip Permit No. 345-1 Lankie Coal Co., Inc.	Fayette	Pittsburgh	86	-	-	-	-	-	-	-	-
	Indiana	Up. & Lo. Free.	30	-	-	-	-	-	-	-	-
	Kin-Phil Coal Co. Strip Permit No. 520-1 Marion Center Mining Co.	Fayette	Waynesburg	48	-	-	-	-	-	-	5,000
Strip Permit No. 212-4 Strip Permit No. 212-5 Mears Coal Co.	Indiana	Lo. Kittanning	42	-	-	-	-	-	-	16,600	224,000
	Indiana	Lo. Kittanning	42	-	-	-	-	-	-	260	3,000
										16,850	227,000
Strip Permit Nos. 3-2 & 5 Auger BAM-315 Auger BAM-337 Mehrer, Emil W. Strip Permit No. 431-1 Menallen Coke Co.	Indiana	Lo. Freeport	26	-	-	-	-	-	-	-	-
	Indiana	Lo. Freeport	26	-	-	-	-	-	-	-	-
	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	2,000	2,000
Strip Permit No. 281-2 Strip Permit No. 281-3 Total	Fayette	Redstone	36	-	-	-	-	-	-	11,500	200,000
	Fayette	Sewickley	57	-	-	-	-	-	-	6,000	290,000
										17,500	490,000

District 29

Operators And Mines	County	Geological Name Of Coal Bed	Height: Of Shaft	Kind Of Opening :			: Number And Type :			Explosives Used - Pounds	Ammonium Nitrate	Other (Name)	
				: Shaft:	: Slope:	: Drift:	: Lamps Used :	: :	: :				
													: In-ches :
Monnie, S. C.	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	1,500	76,895	-
Strip Permit No. 58-7	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 58-8	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	2,750	103,150	-
Strip Permit No. 58-9	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	4,250	180,045	-
			Total										
Morrone Coal Co.													
Strip Permit Nos. 27-1,4,5	Indiana	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-	-
North Cambria Fuel Co.													
Strip Permit No. 10-20	Indiana	Up. & Lo. Free.	36	-	-	-	-	-	-	-	1,950	120,250	-
Strip Permit No. 10-21	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	1,000	698,461	-
			Total								2,950	818,711	-
Ovitsky & Cambuzzi													
Strip Permit No. 505-1	Fayette	Miller "B"	40	-	-	-	-	-	-	-	-	11,000	-
P. & N. Coal Co., Inc.													
Strip Permit No. 32-21	Indiana	Lo. Kittanning	37	-	-	-	-	-	-	-	-	-	-
Auger BAM-281	Indiana	Lo. Kittanning	37	-	-	-	-	-	-	-	-	-	-
Phillips Coal Co., Albert & Jack													
Strip Permit Nos. 183-5 & 6	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Piccolomini, William													
Strip Permit No. 159-4	Fayette	Bakerstown	36	-	-	-	-	-	-	-	100	6,000	-
Strip Permit No. 159-10	Westmoreland	Redstone	36	-	-	-	-	-	-	-	200	20,000	-
Strip Permit No. 159-12	Westmoreland	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 159-13	Fayette	Pittsburgh	90	-	-	-	-	-	-	-	-	-	-
			Total								300	26,000	-
Pontorero & Sons Coal Co.													
Strip Permit No. 237-1	Fayette	Redstone	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 237-3	Fayette	Redstone	36	-	-	-	-	-	-	-	-	20,000	-
Strip Permit No. 237-6	Fayette	Redstone	36	-	-	-	-	-	-	-	-	10,000	-
			Total								-	30,000	-
Purco Coal Co.													
Strip Permit No. 413-2	Fayette	Miller "B"	40	-	-	-	-	-	-	-	1,400	7,000	-
Strip Permit Nos. 413-3 & 4	Fayette	Miller "B"	40	-	-	-	-	-	-	-	-	-	-
Auger	Fayette	Miller "B"	40	-	-	-	-	-	-	-	-	-	-
			Total								1,400	7,000	-
Puskar, John													
Strip Permit No. 424-1	Fayette	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-
R. T. C. Coal Co.													
Strip Permit No. 201-1	Indiana	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-





## District 30

[illegible]



## District 30

[illegible]

## District 30

[illegible]

## District 31

[illegible]





# District 32

Operators And Mines	County	Geological Name	Of Coal Bed	Inches	Depth	Kind Of Opening			Number And Type			Explosives Used - Pounds	Ammonium Nitrate	Other (Name)
						Shaft	Slope	Drift	Lamps Used	: Flame	: Elec	: Permissible	Dynamite	Nitrate
						Height Of Seam	Angle	Age	Gaseous	Or	Open	Explosives		
Carlin, Inc., R. S.	Clearfield	Mid. & Lo. Kitt.	24	-	-	-	-	-	-	-	-	56,173	-	1,180,823
Strip Permit No. 134-7														
Clearfield Clay Products Co.	Clearfield	Lo. Kittanning	31	-	-	-	-	-	-	-	-	40,350	-	275,000
Strip Permit No. 438-2														
Clearfield Limestone Corp.	Clearfield	Lo. & Mid. Kitt.	24	-	-	-	-	-	-	-	-	5,450	-	188,200
Strip Permit No. 258-3														
Compass Coal Co., Inc.	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-	-	-	400	-	40,175
Strip Permit Nos. 33-4 & 5	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-	-	-	400	-	40,175
Auger														
Elliot Coal Mining Co., Inc.	Clearfield	L.M. & Up. Kitt.	36	-	-	-	-	-	-	-	-	9,741	-	218,521
Strip Permit Nos. 59-4, 5, 9, 15, 16 & 17														
Empire Coal Co.	Clearfield	Lo. & Up. Free.	28	-	-	-	-	-	-	-	-	8,150	-	655,550
Strip Permit Nos. 69-7, 9, 10, 11, 12, 13, 14 & 15														
Flango Brothers Coal Co.	Clearfield	Up. Freeport	20	-	-	-	-	-	-	-	-	85,250	-	64,630
Strip Permit Nos. 161-3, 7, 8														
Gallagher Coal Co.	Clearfield	Lo. & Mid. Kitt.	26	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 371-1(c)														
Halsey Contracting Co., Inc.	Clearfield	Mid. & Lo. Kitt.	30	-	-	-	-	-	-	-	-	3,900	-	313,350
Strip Permit No. 501-1														
Hamlin Coal Co., Inc.	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	-	4,885	33,525	-
Strip Permit Nos. 536-1 & 2	Clearfield	Lo. & Up. Free.	30	-	-	-	-	-	-	-	-	4,885	33,525	-
Auger														
Hepburnia Coal Co., Inc.	Clearfield	Brookville & Lo. & Up. Free.	33	-	-	-	-	-	-	-	-	826	13,500	-
Strip Permit Nos. 14-14, 16, 21, 22, 24 & 28														
Hoffman Coal Co., Inc., J. E.	Clearfield	Mid. & Up. Kitt. & Lo. Freeport	27	-	-	-	-	-	-	-	-	36,100	960,000	-
Strip Permit Nos. 90-2, 5, 7														
Homer City Coal Co.	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	-	-	1,796	-	-
Strip Permit No. 38-5														
Kasubick Brothers Coal Co.	Clearfield	L.M. & Up. Kitt.	20	-	-	-	-	-	-	-	-	438	7,250	-
Strip Permit No. 181-1														
Kristianson & Johnson Coal Co.	Clearfield	Lo. & Up. Free.	38	-	-	-	-	-	-	-	-	306,000	1,900,000	-
Strip Permit Nos. 56-6, 12, 13, 15, 16, 17 & 18														





District 32

Operators And Mines	County	Geological Name Of Coal Bed	Kind Of Opening :				Number And Type :		Explosives Used - Pounds					
			Height: Of :	Shaft: Slope :	Drift: :	Lamps Used :	Explosives Used :							
Seam :			Age :	Gaseous :	Or :	Flame :	Elec.: Permissible	Dynamite	Ammonium Nitrate	Other (Name)				
In-ches :			Pitch :	Or :	Drift: Degrees:	Open: Safety:	Electric :Explosives							
<b>Tetter, John E.</b>														
Strip Permit Nos. 117-4, 5, 6 Clearfield		Mid. & Up. Kitt.	26	-	-	-	-	-	2,000	500,000	-			
Thomas Brothers Coal Co.														
Strip Permit Nos. 42-1 & 2 Clearfield		Lo. Kittanning & Lo. & Up. Free.	24	-	-	-	-	-	-	51,000	-			
Thompson Brothers Coal Co., Inc.														
Strip Permit Nos. 127-3, 4, 5 Clearfield		Lo. & Mid. Kitt. & Lo. Freeport	26	-	-	-	-	-	8,500	210,000	-			
Thompson Coal Co., Inc., John A.														
Strip Permit Nos. 492-1, 2 Clearfield 3 & 4		Lo. Kittanning	32	-	-	-	-	-	52,150	598,000	-			
Thompson Coal Co., Inc.														
Strip Permit Nos. 46-6, 9, 10 Clearfield		Brookville & Lo. & Mid. Kitt.	26	-	-	-	-	-	12,300	365,000	-			
Turner Coal Co., Wilton R.														
Strip Permit No. 537-1		L.M. & Up. Kitt. & Lo. Freeport	30	-	-	-	-	-	2,250	23,265	-			
Wister Coal Co.														
Strip Permit No. 60-3		Lo. & Up. Free.	27	-	-	-	-	-	-	-	-			
District Total											563,663	1,035,156	14,774,502	-

## District 33

[illegible]

## District 33

[illegible]



## District 33

[illegible]

## District 33

Operators And Mines		County	Geological Name	Of Coal Bed	Height: Shaft: Of : : : In- : : : ches : Depth: Length: Degrees: Drift: Non-gaseous: Open: Safety: Electric: Explosives	Kind Of Opening			Number And Type			Explosives Used - Pounds			Other Ammonium Nitrate (Name)
						Slope	Drift:	Aver- age :	Gaseous :	Lamps Used :	Explosives Used :	Pounds			
P.B.S. Coals, Inc. (Continued)															
Strip Permit No. 222-11	Somerset	U.Kitt.& L.Free	48-32	-	-	-	-	-	-	-	-	15,000	75	-	-
Strip Permit No. 222-15	Somerset	Mid. Kittanning	36	-	-	-	-	-	-	-	-	37,300	222	-	-
												1,455,300	3,347	-	-
Total															
P. & M. Equipment Co.															
Strip Permit No. 285-2	Somerset	Brushcreek	16	-	-	-	-	-	-	-	-	19,200	300	-	-
Strip Permit No. 285-3	Somerset	Up. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	-
Total															
Peterson Coal Mining Co., Inc., C. E.															
Strip Permit No. 325-2	Somerset	Up. Kittanning	44	-	-	-	-	-	-	-	-	26,000	2,000	-	-
Pine Hill Smokeless Coal Co.		Lo. Freeport													
Strip Permit No. 168-1	Somerset	Pittsburgh	48	-	-	-	-	-	-	-	-	-	-	990	32,090
Ponfeigh Smokeless Coal Co.															
Strip Permit No. 169-1	Somerset	Sewickley & Pgh.	48	-	-	-	-	-	-	-	-	114,110	1,605	-	-
Strip Permit No. 169-2	Somerset	Up. & Lo. Free.	40	-	-	-	-	-	-	-	-	-	1,715	114,795	-
Strip Permit No. 169-3	Somerset	Up. & Lo. Free.	40	-	-	-	-	-	-	-	-	-	1,180	52,010	-
Strip Permit No. 169-4	Somerset	Up. & Lo. Free.	40	-	-	-	-	-	-	-	-	-	1,925	116,020	-
Strip Permit No. 169-5	Somerset	Sewickley & Pgh.	48	-	-	-	-	-	-	-	-	-	710	42,790	-
Total															
Powell Coal Co., C. E.															
Strip Permit No. 101-6	Cambria	Up. & Lo. Free.	30-35	-	-	-	-	-	-	-	-	500,000	35,000	-	-
Strip Permit No. 101-11	Cambria	Up. Freeport	40	-	-	-	-	-	-	-	-	450,000	31,000	-	-
Total															
Richards, Kenneth G.															
Strip Permit No. 453-1	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	6,000	200	-	-
Strip Permit No. 453-2	Somerset	Up. & Lo. Kitt.	42	-	-	-	-	-	-	-	-	47,500	2,300	-	-
Strip Permit No. 453-3	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-
Total															
S. & S. Coal Co.															
Strip Permit No. 531-1	Somerset	Clarion	90	-	-	-	-	-	-	-	-	53,500	21,500	-	-
Sanmer Brothers Coal Co.															
Strip Permit No. 308-6	Somerset	Pgh. & Redstone	96-40	-	-	-	-	-	-	-	-	342,000	2,800	-	-
Strip Permit No. 308-7	Somerset	Pgh. & Redstone	96-40	-	-	-	-	-	-	-	-	-	-	-	-
Total															
Scurfield Coal Co.															
Strip Permit No. 256-1	Somerset	Clarion	42	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 256-3	Somerset	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	5,000	100,000
Strip Permit No. 256-4	Somerset	Lo. Kittanning	48	-	-	-	-	-	-	-	-	-	250	5,000	-
Strip Permit No. 256-6	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	-	1,000	20,000	-	-
Total															
Total															







# **BITUMINOUS COAL OPERATORS**



## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

## BITUMINOUS COAL OPERATORS -- YEAR 1969

\* Denotes Operators having strip mines.

# Denotes Operators having auger mines.

District	Operator	General Supt.	Address	Zip Code
29	Abruzzi & Rost*	Louis Abruzzi	1012 Grant Bldg. Pittsburgh	15219
22	Ace Coal Co.	Chester Chamberlain	R. D. 1 Saxton	16678
33	Ace Drilling Coal Co., Inc.*	Evan L. Jones	P. O. Box 153 South Fork	15956
10	Allegheny River Mining Co.	Kenneth B. Dinger	132 N. McKean St. Kittanning	16201
25	Allied Fuel & Materials, Inc.*	Mac Chutz	467 New Castle St. Slippery Rock	16057
9-27-28	Allison Engineering Co.*	R. O. Murphy, Jr.	Rt. 8, Burchfield R. Allison Park	15101
26	Alce Coal Co.*	Julius Alce	Box 50 Imperial	15126
11-28-29	Altmire Bros. Coal Co., Inc.*	Harold Altmire	Box 236 No. Apollo	15673
33	Alumbaugh Coal Co., Inc.*	Winfield Alumbaugh	R. D. 2 Friedens	15541
1-25	Ambrosia Coal & Construction Co.*	Frank Reston	R. D. 1 Edinburg	16116
12	Angelcyk Brothers	Felix Angelcyk	R. D. 1 West Newton	15089
28	Ankeny, Donald K.*	D. K. Ankeny	R. D. 1 Shelocta	15774
12-29	Ansell Coal Co., Earl*	Earl Ansell	R. D. 1, Box 93 Scottsdale	15683
26	Apex Company, Inc.*	Wm. B. Ford	4th & Border Sts. W. Elizabeth	15088
14-29	Arcadia Co., Inc., The**	Andrew Stossel	Main Street Arcadia	15712
16	Armagh Coal Co., Inc.	J. H. Michaels	634 Clark Ave. Indiana	15701
30	Armagost Coal Co.*	Russell A. Smith	Reynoldsville	15851
17	Associated Drilling, Inc.	Milford Kephart	1106 Nat'l Bk. Bld. Johnstown	15901
25	Atwell Coal Co.*	Neil Atwell	R. D. 2 Polk	16342
22	"B" Quality Coal Co., The	Merle K. Heckler	504 - 13th St. Windber	15963
28	B. & G. Construction Co., Inc.*	Blaney W. Bowser	MR 10, Butler Rd. Kittanning	16201
4	B. & M. Coal Co.	Raymond Chess	216 S. Main St. Masontown	15461
9-17-32	Bailey Estate, Robert*	W. D. Wrye	Morrisdale	16858
24	Balzano Coal Co.	John Balzano	5416 Broad Ave. Altoona	16601
18-24	Barnes & Tucker Co.	Geo. W. McCaa	1912 Chestnut Ave. Barnesboro	15714
17-24	Barnhart Coal Co.	Robert Barnhart	R. D. 2 Flinton	16640
18	Barr Coal Corp.	John Weakland	1st Nat'l Bk. Bldg. Spangler	15775
26	Bartins, Stanley*	Stanley Bartins	R. D. 1 McDonald	15027
22	Barton Coal Co.	Samuel Barton	R. D. 1 Six Mile Run	16679
29	Bartoni Coal Co.*	Dominick Bartoni	R. D. 2 Smithfield	15478
9-14-28-30	Baughman Coal Co., Inc., R. D.*#	Robert Haslett	Box 218 Brookville	15825
33	Beachy & Beachy Coal Co.*	Milton Beachy	R. D. 1, Box 166 Salisbury	15558
29	Beilchick Brothers*	Paul Beilchick	Heilwood	15745
9	Belford Coal Co.	B. H. Lingle	Shawville	16848
7	Bell Coal Co.	Ewing Bell	961 Cross St. California	15419
9-14-29-30	Benjamin Coal Co.*#	David J. Benjamin	Lajose	15753
30	Bennetts Coal Co.*#	Samuel DeSalve	Penfield	15849
29	Benson, William C.*	Wm. C. Benson	R. D. 2 Export	15632
7-19-20-21-24	Bethlehem Mines Corp.	T. J. Crocker	119 Walnut St. Johnstown	15901
33	Bigan, John E.*	James Bigan	200 Cherry Lane Johnstown	15904
21	Bird Coal Co.	Geo. C. Steel	Box 271 Tire Hill	15959
23	Bittner Coal Co.	Francis Bittner	R. D. 3 Berlin	15530
33	Black Coal, Adam J. & Ruth*	Adam J. Black	P. O. Box 42 Broad Top	16621
14	Black Diamond Coal Co.	Edward Skarbek	R. D. 3 Reynoldsville	15851
28	Black Fox Mng. & Develop. Corp.*	Plummer L. Toy	Box 203 Kittanning	16201
22	Bloom Coal Co.	Ralph Bloom, Jr.	R. D. 1 Hollsopple	15935
4	Blout Coal Co.	Vincent Blout	88 Albion St. Uniontown	15401
9	Blue Valley Coal Co.	Joseph Urmann	Ridgway	15853
25	Blum Coal Co.*	Raymond Blum	P. O. Box 243 Darlington	16115
1	Blystone Coal Co.	F. E. Blystone	R. D. 3 Chicora	16025
11	Bollinger Coal Co.	Herbert Bollinger	812 Salt St. Saltsburg	15681
26	Bologna Mining Co.*#	Ray Bologna	Box 309 Burgettstown	15021
4-13-29	Bortz Coal Co.*	Geo. Bortz, Jr.	63 N. Beeson Ave. Uniontown	15401
30	Boyer Coal Co.*	Wm. P. Boyer	206 E. Sherman Av. DuBois	15801
17-32	Bradford Coal Co., Inc.*	R. S. Walker	Bigler	16825
33	Brant Coal Co., F. F.*	Franklin Brant	151 Uhl St. Somerset	15501
29	Bridge Coal Co.*	Ronald Bridge	R. D. 1 Bolivar	15923
14	Brocious, Harold E.	H. E. Brocious	Timblin	15778
9	Brookside Coal Co.	Robt. L. Emery	R. D. Brookville	15825
29	Brown, C. W.*	C. W. Brown	Box 23 Whitney	15693

District	Operator	General Supt.	Address	Zip Code
28	Brown Brothers Coal Co.*	Donald D. Brown	R. D. 1	Indiana 1570
32	Brown Co., Earl M.*	Gerald Krisher	111 Mt. Joy Rd.	Clearfield 1683
30	Brubaker Brothers Coal Co.*	J. O. Brubaker	302 W. DuBois Ave.	DuBois 1580
3	Buckeye Coal Co., The	H. L. Swihart	P. O. Box 156	Nemacolin 1535
23	Burk & Ernst Coal Co.	Chas. Burk, Jr.	R. D. 1	Berlin 1553
16	C. & C. Coal Co.	Ronald Coleman	R. D. 1	Clarksburg 1572
9-27-33	C. & K. Coal Co.*	Peter Chernicky	P. O. Box 127	Clarion 1621
33	C. & P. Coal Co.*	Mike Pelesky		Boswell 1553
30	Calhoun, Dwight M.*	D. M. Calhoun	R. D. 1	Brockway 1582
9	Cally Coal Co.	Ralph Pfaff	R. D. 1	Weedville 1685
23	Cambria Fuel Co.	Karl W. Friend		Johnstown 1590
17	Cambria Mills Coal Co.	T. Merle Apple		Fallen Timber 1663
14	Cannel Coal Co., Inc.	Ellwood Shank		New Bethlehem 1621
11	Canterbury Coal Co.	Mario Fassio	Drawer R	Avonmore 1561
17-31-32	Carlin, Inc., R. S.*	R. S. Carlin		Snow Shoe 1687
25	Carlson Mining*	Andy Carlson	R. D. 6	New Castle 1610
10-28	Carpentertown Coal & Coke Co.*#	Henry E. Bartony	Box 218	Templeton 1625
11	Casella Coal Co., Inc.	Cleo Casella	Box 326	Apollo 1561
25	Center Coal Co.*	Leland Kimes	R. D. 2	Jackson Center 1613
14	Cessna Coal Co.	Norman Cessna	R. D. 1	Glen Campbell 1574
18	Channel Coal Corp.	Jack Marshall	R. D.	Barresboro 1571
21	Chappell & Sady Coal Co.	Jesse Chappell		Sidman 1595
15	Cherryhill Collieries, Inc.	R. D. Kinter	978 Marion Road	Indiana 1570
13	Chess Coal Co.	Raymond Chess		Smithfield 1547
15	Chestnut Ridge Mining Co.	John Peles		Glen Campbell 1574
23	Cicciarelli, Joseph	Joseph Cicciarelli	R. D. 2	Boswell 1553
33	Clark, C. E.*	C. E. Clark		Dudley 1663
25	Clark Coal Co.*	Wayne Clark	122 Buena Vista	New Castle 1610
32	Clearfield Clay Products Co.*	Richard Peterson		Crampian 1683
32	Clearfield Limestone Corp.*	Joe Michaels	R. D. 2	Clearfield 1683
23-33	Coal Junction Coal Co.*	J. M. Lynch	R. D. 1	Friedens 1554
28	Cogley & McIlwain*	E. C. McIlwain	R. D. 2	Kittanning 1620
20	Commercial Coal Co.	Jos. Monfardini	1088 Second St.	Nanty Glo 1594
32	Compass Coal Co., Inc.*#	D. J. White	Box 169	Punxsutawney 1578
21-33	Cooney Brothers Coal Co.*#	Paul Cooney	401 Park Ave.	Cresson 1663
15	Copper Valley Coal Co.	Russell Herby	R. D. 2, Box 275	Blairsville 1571
33	Costantino Coal Co.*#	Don Batiste	501 - 19th St.	Windber 1596
22	Country Club Coal Co.	Ron Corl	500 Bedford St.	Windber 1596
33	Croner, Inc.*	Earl D. Croner	204 Broadway	Berlin 1553
22	Custer Coal Co., Inc., Boyd L.	B. L. Custer	R. D. 1	Hooversville 1593
20	D. & J. Coal Co.	Dominick Esagro	R. D. 1	Ebensburg 1593
22	D. & M. Coal Co.	John Desort	R. D. 1, Box 449	Windber 1596
21-22	Dalton Run Coal Co.	John Kawchak	115 Arbutus Ave.	Johnstown 1590
25	Darlington Brick & Clay Co.*	L. H. Smith		Darlington 1611
12	Davis, Henry	Henry Davis	R. D. 2	New Alexandria 1567
14	Davis Coal Co.	Claire J. Davis	R. D., Box 54	Dysart 1663
16	Davison Coal Co., T. H.	T. H. Davison	P. O. Box 89	Black Lick 1571
14-27	Dean Contractor, Inc., Ernest C.*	E. C. Dean	Box 61	New Bethlehem 1621
23-33	Decker Construction Co.*	Robt. W. Decker	P. O. Box 216	Garrett 1554
25-28	DeMarsh Coal, Theodore*	Guy Labor	P. O. Box 144	Forestville 1603
23-33	Denise Coal Co.*	L. H. Speigle	109 DeWalt Ave.	Pittsburgh 1522
29	Dippel & Dippel Coal Co.*	Dale Henderson		Granville, W. Va. 2614
15-18	Dixon Run Coal Co.	Harold Kammerdiner	R. D. 4	Penn Run 1576
30	Doan Coal Co.*	David G. Doan	912 Main St.	Reynoldsville 1585
1-25	Dodds Coal Co.*	Charles Moore	R. D. 1	New Galilee 1614
31	Donahay & Co., Inc.*	J. Geo. Donahay		Snow Shoe 1687
1	Dorchem Pennsylvania, Inc.	Robt. Greybeck	Box 249	Chicora 1602
14	Doverspike Brothers Coal Co.	James Doverspike	P. O. Box 55	Dora 1573
28	Duncan, L. G.*#	Lloyd G. Duncan	635 Hawthorne Ave.	Kittanning 1620
4	Dunkard Mining Co.	Raymond Chess	216 S. Main St.	Masontown 1546
33	Dunlo Construction Co.*#	John J. Ondesko		Dunlo 1593
33	Duppstadt Coal Co.*	Emmett Duppstadt	R. D. 1	Berlin 1553
4-5	Duquesne Light Co.	J. E. Elkin	435 Sixth Ave.	Pittsburgh 1521
1	Eagal Coal Co.	Ernest Baxter	R. D. 5	Butler 1600
30	East Branch Equipment Co.*	W. J. Fitzmartin	1148 Hulton Road	Verona 1514
12-19	Eastern Associated Coal Corp.	J. E. Katic	Koppers Building	Pittsburgh 1521
4	Eberhart Coal Co.	Geo. R. Eberhart	R. D. 2, Box 320	Smithfield 1547
11	Edmon Coal Co., Inc.	Edward Smith	Box 101	Apollo 1561
17-31-32	Elliot Coal Mining Co., Inc.*	Arthur VanBlargan	P. O. Box 25	Osceola Mills 1666
30	Emery, Robert L.*	George Krach		DuBois 1580
17-32	Empire Coal Co.*	Robt. Pollisino	Box 55	Houtzdale 1665

District	Operator	General Supt.	Address	Zip Code
30	Esquire Fuel Co.*#	R. Edward Ferraro	688 Main St.	Brockway 15824
15	F. P. & K. Coal Co.	Charles Pappal	R. D. 3	Indiana 15701
14	Fairview Coal Co.	Wm. C. Kennedy		Dora 15735
17	Falls Creek Coal Co.	Arthur Wittig	R. D. 1	Monroeton 18832
22	Ferko Coal Co.	John Ferko, Jr.	R. D. 1	Central City 15926
14	Ferrara Coal Co.	Nick Ferrara	P. O. Box 195	Anita 15711
14	Fetterman Coal Co.	Merle Fetterman		Glen Campbell 15742
22-23-33	Fetterolf Coal Co., Inc., M. F.*#	Wallace Albright		Boswell 15531
29	Filiaggi Coal Co.*	James V. Filiaggi	R. D. 4, Box 393	Uniontown 15401
26	Fiore, Fred*	Dave Opfar	60 Clover Drive	Pittsburgh 15236
26	Fiore Development Co.*	Marshall Fiore	205 Monongahela A.	Glassport 15045
17-31	Fisher Mining Co.*	D. E. Fisher	Star Route	Liberty 16930
1	Fisher Mining Co., C. A.	C. A. Fisher	R. D. 1	Stoneboro 16153
17-32	Flango Brothers Coal Co.*	Sam Flango		Curwensville 16833
15-16	Florence Mining Co., The	Jack R. Barber	P. O. Box 351	Seward 15954
9	Flynn, William J.	Wm. J. Flynn	R. D.	Gramplan 16838
29	Ford & Gaskill*	Harry D. Ford	234 Wilson Ave.	Uniontown 15401
29	Fox, H. E.*	R. E. Fox	411 Brandon St.	Greensburg 15602
1	Fredrick & McCormick Coal Co.	C. G. McCormick		Chicora 16025
14	Freedom Mining Co., Inc.	James Doverspike	P. O. Box 55	Dora 15735
29	Fryske & Nole Coal Co.*	Walter F. Fryske	744 Speer St.	Belle Vernon 15012
9	Fye, Elmer	Elmer Fye		Reynoldsville 16851
33	Fyock, N. J.*	N. J. Fyock	R. D. 3	Stoystown 15563
9-23	G. M. & W. Coal Co., Inc.	James Park	11 N. Carlisle St.	Greencastle 17225
9	Gallagher Coal Co.	Clair Gallagher		Benezette 15821
32	Gallagher Coal Co.*	John E. Gallagher	P. O. Box 92	Sandy Ridge 16677
18	Garay Coal Co.	Wm. Garay		Bakerton 15737
31	Garden Coal Co., Inc.*	L. C. Learish		Pottersdale 16871
14	Garzoni & Sons Coal Co.	Richard Garzoni	R. D. 5	Punxsutawney 15767
8	Gateway Coal Co.	W. G. Kegel	3 Gateway Center	Pittsburgh 15222
29	Geary-Ridge Coal Co.*	Nick Carlow	108 Prosser Drive	Monongahela 15063
29	Genovese Coal Co.*	Theodore Genovese	32 Foreman Ave.	Uniontown 15401
9	Glen Irvan Corp.	Irvan Stoker	R. D. 1	Sidman 15955
27-30	Glenn, W. Paul*	W. Paul Glenn	P. O. Box 61	Corsica 15829
14-30	Glenn Coal Co.*	W. Perry Glenn		Sigel 15860
33	Glessner, Robert H.*	Robert Landis	Route 1	Berlin 15530
15	Glory Coal Co., Inc.	John J. Polenik	R. D. 2	Clymer 15728
33	Godin Coal Co., Joseph*	Joseph Godin	Box 216	Stoystown 15563
25	Goetz Coal Co., Wm. O.*	W. O. Goetz	R. D. 1	Seneca 16346
10	Goldstrohm Coal Co.	Kenneth Goldstrohm	R. D. 5	Kittanning 16201
17	Granville Coal Co.	Jack Marshall	R. D. 1	Gramplan 16838
22	Grela Coal Co., Walter G.	W. G. Grela	2812 Jackson Ave.	Windber 15963
29	Green, Inc., Walter*	Joseph E. Green	R. D. 1, Box 158	Scottdale 15683
15	Greenwich Collieries Co.	Geo. W. McCaa	1912 Chestnut Ave.	Barnesboro 15714
1-28	Grove City Construction Co.*	Carl Potter	R. D. 4	Grove City 16127
28	Grove City Limestone Co.*	Walter R. Fowler		Branchton 16021
27-30	H. & G. Coal & Clay Co., Inc.*	James Uzmack		Shippenville 16254
21	H. W. Z. Coal Co.	Henry Zacheskey	P. O. Box 41	Gallitsen 16641
29	Hall & Hall, Inc., J.M. & J.M., Jr.*	J. M. Hall, Jr.		Murrysville 15668
32	Halsey Contracting Co., Inc.*	Vincent Halsey	P. O. Box 177	Oascola Mills 16666
30	Hamilton Mining Co.*#	Charles Bertamini	120 Church St.	Punxsutawney 15767
32	Hamlin Coal Co., Inc.*#	Francis J. Hamilton		Ginter 16643
28	Harman Coal Co.*	Boyd Neal, Jr.	R. D. 4	New Bethlehem 16242
14	Harman Coal Corp.	John Harman		New Bethlehem 16242
14-28	Harman Co., Inc., Paul C.*	P. C. Harman	R. D. 1	Fairmount City 16224
5	Harmar Coal Co.	M. F. Florjancic	2401 Freeport Rd.	Pittsburgh 15238
28	Hawk Brothers Contracting Co.*	Alvin C. Hawk	R. D. 1, Box 14A	Adrian 16210
29	Head Coal Co.*#	Robert Head	R. D. 3	Indiana 15701
29	Heley Brothers Coal Co.*	Dan Heley	5070 Brownsville	Pittsburgh 15236
16	Helen Mining Co.	T. E. Musick	Box D	Homer City 15748
16	Helvetia Coal Co.	Robt. T. Billings	635 Church St.	Indiana 15701
9-18-32-33	Hepburnia Coal Co.*	Robert Spencer	R. D. 1	Gramplan 16838
1	Herman Coal Co.	James Mercatel	R. D. 3	Butler 16001
24	Hertzog Coal Co.	James R. Hertzog		Dysart 16636
22-33	Heshbon Coal Co.*	Francis Allison	1309 Midway	Windber 15963
29	Hill, William L.*	Wm. L. Hill	608 E. Crawford A.	Connellsville 15425
18	Hill Top Coal Co.	James Lydic	R. D. 1	Barnesboro 15714
22	Hoffman Coal Co.	Herbert Hoffman	R. D. 1, Box 390	Windber 15963
9-32	Hoffman Coal Co., Inc., J. E.*	James E. Hoffman		Karthauss 16845
18	Holtz Coal Co., A. E.	Wm. J. Holts		Hastings 16646
18	Holtz Coal Co., C. B.	C. B. Holtz		Hastings 16646



District	Operator	General Supt.	Address	Zip Code
32	Homer City Coal Co.*	John Haglani	P. O. Box 53	Homer City 15744
22	Horseshoe Coal Co.	John Alexander	909 Rr. Wash. Ave.	Windber 15966
22	Horwitz Coal Co.	Alex Horwitz	R. D. 1, Box 391	Windber 15966
28	Houser, Earl*	Earl Houser	R. D. 2	New Bethlehem 16244
22	Hritz, George	George Hritz	R. D. 1	Windber 15966
28	Huff Coal Co.*	Thos. F. Huff	R. D. 2	Dayton 16222
24	Hughes & Co., C. A.	R. D. Harker	R. D. 1, Box 412	Lilly 15936
22-33	Huskin Run Coal Co.*	Glenn Shook	Box 127	Clarion 16214
15	Imperial Coal Corp.	Jos. Kreutsberger		Barnesboro 15714
22	J. R. Sales, Inc.	Boyd L. Custer		Jerome 15936
22	J. T. Coal Co.	John Toth		Hooversville 15936
25-27	Jack Brothers Construction Co.*	A. L. Jack	R. D. 1	Ementon 16036
15	James Coal Mining Co.	Walter D. Davis	Box 134	Starford 15774
21	Jandy Coal Co., Inc.	Edwin Eakins	P. O. Box 207	Windber 15966
31	Johnson & Morgan Co.*	Don R. Johnson		Snow Shoe 16874
14	Johnstown Coal & Coke Co.	Clarence Burke	1006 U.S.Nat'l Bk.	Johnstown 15904
33	Johnstown High Grade Coal Co.*	Dean Krise		Windber 15966
33	Jolind Coal Co.*	John Stoddard	423 South St.	Berlin 15536
17-31	Jones & Brague Mining Co.*	Raymond Brague	106 Carpenter St.	Blossburg 16914
8-13	Jones & Laughlin Steel Corp.	W. G. Kegel	Box 608	California 15114
24	K. & K. Coal Co.	James J. Knee	R. D.	Ashville 16614
9-27	Kahle Coal Co.*	Kenneth Kahle	R. D. 1	Knox 16236
29	Kaiser Refractories*	Christopher Gentile		Chippyle 15474
11	Kaskan Coal Co.	George Kaskan	R. D. 2	Apollo 15614
32	Kasubick Brothers Coal Co.*	Joseph Kasubick	Charles Street	Houtzdale 16654
14	Kennedy Coal Co.	Alvin Kennedy, Jr.	R. D. 5	Punxsutawney 15766
1-28	Kerry Coal Co.*	Vernon J. Kerry	R. D. 2	Portersville 16054
31	Kettle Creek Corp.*	Raymond Larson		Kylertown 16844
9	Klebacha Coal Co.	Joseph Klebacha	R. D. 3, Box 287	DuBois 15804
14	Kniseley Coal Co.	Joseph Caltagarone	Box 158	Reynoldsville 15854
13	Korona Coal Co.	Joseph P. Korona	P. O. Box 433	Fairchance 15436
13	Kovach Coal Co.	Alex Kovach	10 Maple St.	Masontown 15466
14	Kraynak Coal Co.	Thomas Kraynak	R. D. 1	Glen Campbell 15744
12	Krevokuch Coal Co.	Paul Krevokuch	P. O. Box 453	Hutchinson 15844
33	Krieger, James*	James Krieger	R. D.	Saxton 16674
24	Krise Brothers Coal Co.	James J. Krise	Box 172	Fallentimber 16636
32-33	Kristianson & Johnson Coal Co.*	Halden Johnson		Lanse 16844
1	Krulloch, Steve*	Steve Krulloch	R. D. 3, Box 108	Uniontown 15404
29	Kutsch Coal Co.	R. J. Kutsch		Tarentum 15084
26	Kutsenkow, George*	Geo. Kutsenkow	P. O. Box 69	Clairton 15024
33	L. & B. Coal Co.*	Raleigh Barnett		Waterfall 16684
28	L. & E. Const. & Equip. Co., Inc.*	Leon L. Echnoz	R. D. 7	Kittanning 16204
9	Lady Jane Collieries, Inc.	Paul Hineman	P. O. Box 130	Phillipsburg 16864
22	Lambert, Niovich Coal Co.	Joseph Niovich	231 View St.	Johnstown 15904
29	Lamkie Coal Co., Inc.*	William Lamkie		Glen Campbell 15744
24	Lamp Coal Co.	Lloyd Troxell		Blandburg 16614
33	Lasky Construction Co.*	Stanley Lasky	922 Sunnehanna Dr.	Johnstown 15904
17	Laurel Hill Coal Co.	Oscar Lowmaster	903 - N. 15th St.	Barnesboro 15714
20	Laurel Valley Coal Co., Inc.	Milio Bottigal	P. O. Box 337	Seward 15954
23	Law & Kennedy Coal Co.	Joseph Law	R. D. 2	Stoytown 15564
15	Leasure Coal Co.	Donald Leasure, Jr.	R. D. 1	Commodore 15724
11	Leeschburg Mining Co.	David Batistig	Box 586	Leeschburg 15654
24	Lilly Mining Co.	Carl Wills	1815 George St.	Lilly 15936
29	Lin-Phil Coal Co.*	Lindsay Phillips	R. D. 1	McClellandtown 15454
6	Lipp Coal Co., Andreas	Andreas Lipp	R. D. 3, Box 79	Elisabeth 15036
21	Lonely Coal Co.	Paul Newfield	R. D. 2	Portage 15944
33	Long, Robert G.*	B. A. Black	R. D. 1	Central City 15924
28	Lucas Coal Co.*	A. J. Lucas	615 Lincoln Ave.	Grove City 16124
23	Luce & Kowaleski	Thomas Luce	327 S. Harrison A.	Somerset 15504
15	Lucerne Coke Co.	D. N. Beitel	1 Oliver Plaza	Pittsburgh 15224
22	Manion Coal Co., Inc.	D. B. Holsopple	P. O. Box 131	Holsopple 15936
33	Manor Hill Coal Co.*	Paul Werner		Garrett 15454
9	Manor Mining & Contracting Corp.	Ed. Hull		Bigler 16824
28	Manor Minerals, Inc.*	Raymond R. Stitt	R. D. 1	Kittanning 16204
29	Marion Center Mining Co.*	R. E. Kinter	974 Marion Road	Indiana 15704
14-30	Markle-Bullers Coal Co.*	Charles Powell	Keystone Bldg.	Kittanning 16204
26	Marsolino Construction Co.*	Samuel Triplett	P. O. Drawer X	Uniontown 15404
28	Martin, James E.*	J. E. Martin	R. D. 1	Templeton 16254
22	Martin Coal Co., Wm. H.	Wm. H. Martin		Six Mile Run 16674
11	Mateer Coal Co.	Orestes Vietto	1518 N.St., R.D.4	Leechburg 15654
6	Mathies Coal Co.	Harry Brewer	Box 104	Finlayville 15336



District	Operator	General Supt.	Address	Zip Code
1-28	Mathieson Coal Co.*	Thos. B. Mathieson	209 Pine St.	Grove City 16127
27	Mauersberg Coal Co.*	Robt. Mauersberg		Sigel 15860
27	Mays Coal Co.*	J. A. Mays	P. O. Box 447	Clarion 16214
32	Mays Coal Co., Leslie*	Leslie Mays	R. D. 1	Olanta 16863
26	Mazzaro Coal Co.*	Mike Mazzaro	Box M	Clinton 15026
26	McCracken Coal Co.	Daniel McCracken		W. Lebanon 15783
18	McGaughey, J. F.*	J. F. McGaughey	Box 369	Kittanning 16201
13	McGee Coal Co.	Geo. H. McGee	52 Evans St.	Uniontown 15101
32	McGovern Coal Co., Clair C.*	Clair C. McGovern		Karthauss 16845
13	McNair Coal Co.	Earl P. McNair	918 Aetna St.	Connellsville 15425
15-29	Mears Coal Co.*#	Edward Mears	R. D. 1	Marion Center 15759
25	Medusa Portland Cement Co.*	Peter Schena	P. O. Box 37	Wampum 16157
29	Mehrer, Emil W.	E. W. Mehreer	939 Sunset Drive	Greensburg 15601
13-29	Menallen Coke Co.*	Max Nobel	P. O. Box 458	New Salem 15168
21	Meske Coal Co.	Robert Meske	R. D. 3. Box 346	Johnstown 15904
27	Miles Coal Co., Clyde*	Clyde Miles		Summersville 15864
23	Miller, Carl F.	C. F. Miller	R. D. 3	Meyersdale 15552
24	Miller Brothers Coal Co.	Randall W. Miller		Glasgow 16644
1-25	Miller & McKnight Coal Co.*	Gary McKnight	R. D. 1	Sandy Lake 16145
32	Minds Coal Co.*	J. Arthur Minds		Ramey 16671
25	Mineral Hill Corp.*	Emil Lucas	558 Beatty St.	Grove City 16127
30	Minich Coal Co.*	Darl Minich	R. D. 2, Box 88	Mayport 16240
9-30	Minnos Coal Co.*	Thos. J. Minns	P. O. Box 297	Falls Creek 15840
13	Minor Coal Co.	Walter Minor, Jr.		New Geneva 15167
1	Mohawk Mining Co.	Otis Sherry	R. D. 3	Parker 16049
4	Molnar Coal Mining Co., Inc.	Michael N. Molnar		Dilliner 15327
14-29	Monnie, S. C.*	S. C. Monnie	R. D. 1	Glen Campbell 15742
32	Moore Coal Co.	Irvin Moore	R. D. 1	Friedens 15541
30	Moore Coal Co., Everett*#	Max L. Moore	304 Indiana St.	Punxsutawney 15767
29	Morrone Coal Co.*	Quay Marsh		Commodore 15729
9-32	Moshannon Falls Mining Co., Inc.*	J. R. Woolridge	P. O. Box 472	Clearfield 16830
1	MY Coal Co.	Rocco Yanity	111 East Pike	Indiana 15701
32	Narehood Coal Co., Ellis*	Ellis R. Narehood	1831 Woodland Rd.	Clearfield 16830
13	National Mines Corp.	G. M. Rigg		Isabella 15447
24	New Hope Coal Co.	Joseph Wilk	238 Jones St.	Lilly 15938
30	New Shawmut Mining Co.*	Anthony J. Palumbo	R. D. 1	Weedville 15868
15-16	North American Coal Corp., The	Kenneth H. Hudnall		Seward 15954
1	North Butler Coal Co.	David Conterno	135 Oneida Valley	Butler 16001
29-33	North Cambria Fuel Co.*	Martin L. Bearar		Spangler 15775
17	North Camp Mining Co.	Earl McMasters	R. D.	LaJose 15753
21	Ohio Street Coal Co.	Charles Hipp	486 Ohio Street	Johnstown 15904
33	Ohler, Leo*	Leo Ohler	R. D. 4	Berlin 15530
12	Orisik Coal Co.	Frank Orisik		Smithton 15479
32	Orlando Coal Co., Dominick*#	Dominick Orlando	Park Hotel	Curwensville 16833
9	Ovitsky & Cambruzzi*	Anthony B. Ovitsky	Box 712	Mt. Pleasant 15666
29	Owens, Joseph	Joseph Owens		LeContes Mills 16850
22-33	P.B.S. Coals, Inc.*#	Allen Lehman	P. O. Box 210	Mercersburg 17236
28	P. & L. Coal Co., Inc.*	Peary Farester	R. D. 2	Ford City 16226
33	P. & M. Equipment Co.*	Patsy Corvi	215 Bass St.	Johnstown 15904
9-14-29-30	P. & N. Coal Co., Inc.*#	J. A. White	242 W. Mahoning	Punxsutawney 15767
18	Panaro Brothers Coal Co.	Leonard Panaro	2001 - 20th St.	Barnesboro 15714
11	Partner Coal Co.	Joseph Gilchrist	R. D. 2	Apollo 15613
30	Pascaret, James*	James Pascaret		Corsica 15829
4	Paw-Paw Fuel, Inc.	Herman Williams		Dilliner 15327
6	Peggs Run Coal Co., Inc.	Jack Courtney	Box 184	Shippingport 15077
15	Peles Brothers Coal Co.	Nestor Peles		Glen Campbell 15742
25	Pengrove Coal Co.*	Leonard Chutz	P. O. Box 116	Slippery Rock 16057
11	Penn Allegheny Coal Co., Inc.	Charles Scott	R. D. 2	Tarentum 15084
25	Penn Hill Coal Corp.	Kenneth Leasure	54 Sixth Street	Clymer 15728
21	Pennsylvania Coal & Coke, Div. of Colt Industries, Inc.	Richard Hamwell		Ehrenfeld 15933
26	Penwin Construction Co.*	Frank Skyrak	401 Penna. Ave.	Weirton, W. Va. 26062
9	Penoyer & Co., D. C.	Robt. C. Penoyer	1216 S. 2nd St.	Clearfield 16830
9	Pentz, Edwin W.	E. W. Pentz	R. D. 1	Grampian 16838
6	Pera Coal Co., Angelo	Angelo Pera	R.D. McClelland R.	Finleyville 15332
31	Percival, Paul*	Paul Percival	R. D. 1	Canton 17724
1-25	Perry-Ross Coal Co.*	Anthony Perry	201 Buhl Road	Sharon 16146
33	Peterson Coal Mining Co., Inc., C.E.*	Lynn Boyce	Box 85	Alverda 15710
26	Petricca & McElhaney*	Howard Kromer	Box 19	Joffre 15053
23	Petrosky, Victor	Victor Petrosky	R. D. 4, Box 38	Latrobe 15650
23	Pheimister, H. I.	H. I. Pheimister		Latrobe 15650

District	Operator	General Supt.	Address	Zip Code
29	Phillips Coal Co., Albert & Jack*	Jack Phillips	432 S. Main St.	Punxsutawney 15767
29	Piccolomini, William*	Wm. Piccolomini	213 W. Wash. Ave.	Connellsville 15425
31-32	Pike Coal Co.*	Ralph Thompson	R. D. 2, Box 460B	Phillipsburg 16866
33	Pine Hill Smokeless Coal Co.*	Charles Merrill, Sr.		Garrett 15542
5-6-12-26	Pittsburgh Coal Co., Div. of Consolidation Coal Co.*	Joseph Kristoff, Jr.	P. O. Box 500	Library 15129
25	Pittsburgh Refractories, Inc.*	Alfons Schleuter	Benedum Trees Bld.	Pittsburgh 15222
23-33	Ponfeigh Smokeless Coal Co.*	Charles Merrill, Sr.		Garrett 15542
29	Pontorero & Sons Coal Co.*	Paul Pontorero	110 Walnut St.	Masontown 15461
22	Potochar & Potochar Coal Co.	Joseph Potochar	P. O. Box 402	Hooversville 15936
17-32-33	Powell Coal Co., C. E.*	A. W. Lewis		Blandburg 16661
10	Powell Coal Co., Inc.	James N. Hosey	R. D. 5	Kittanning 16201
26	Protz Brothers Coal Co.*	Michael Protz	R. D. 3	Elizabeth 15037
29	Purco Coal Co.*#	E. Quattrone	R. D. 3	Monongahela 15063
29	Puskar, John*	John Puskar	R. D. 1	Dawson 15428
26	Q. & R. Coal Co.*	A. J. Ripepi	R. D. 3	Monongahela 15063
4	R. & S. Coal Co.	William McCune	416 Ceylon Rd.	Carmichaels 15320
29	R. T. C. Coal Co.*	Rocco Yanity	111 East Pike	Indiana 15701
17	Radomsky Coal Co., George	Geo. Radomsky	R. D. 1	Hastings 16646
9	Real Coal Co.	J. W. Erich	640 St. Marys St.	St. Marys 15847
27	Reddinger, Terry*	Dennis Reddinger		Distant 16223
29	Red Gap Coal Co.*	Willis D. Gardner	Box 184	Glen Campbell 15742
32	Reese Coal Co.*	Philip Reese		Karthus 16845
2	Reesedale Mining, Inc.	Lawrence Brink	R. D. 1, Box 14-A	Adrian 16210
22	Reitz Coal Co.	Frank Sesack		Central City 15926
1-5-8-12	Republic Steel Corp.	G. E. DeRusha	Fayette Bk. Bldg.	Uniontown 15401
33	Richards, Kenneth G.*	Willard Black	810 Lincoln Way	McConnellsburg 17233
22	Richland Coal Corp.	Thomas Martinage	R. D. 4	South Fork 15936
9-17-32	River Hill Coal Co., Inc.*	Raymond Larson		Kylertown 16817
28	ROB Coal Co.*	Robert Altmiere	R. D. 2, Box 5B	Vandergrift 15690
10-15-28	Rochester & Pittsburgh Coal Co.*#	W. J. Shields	655 Church St.	Indiana 15701
29	Rondell Co., Inc.*	Ronald Lovrich	R. D. 3, Box 537	Monongahela 15063
28	Rosensteel, C. L.*	C. L. Rosensteel	Star Route	Saltsburg 15681
31	Rougeux & Trimpey Coal*	Kenneth Rougeux		Karthus 16845
21	Roxby Coal Co., Robert	Robert Roxby	R. D. 2, Box 316	Johnstown 15904
32	Roy Coal Co., Inc.*#	Roy Mays	R. D.	Olanta 16863
13-29	Ruane Coal & Coke Co.*	Jas. L. Ruane, Jr.	2 Bailey Lane	Uniontown 15401
17	Rushton Mining Co.	Daris N. Moore	Box 589	Phillipsburg 16866
32	Ryan Brothers Coal Co.*#	Robt. E. Ryan		Hyde 16843
31	S. & D. Trucking Co.*	Warren Hartman		Snow Shoe 16874
14	S. & R. Coal Co.	Clyde Stiver	R. D. 1	Punxsutawney 15767
33	S. & S. Coal Co.*	Don Soberdash	R. D. 1	Dunbar 15431
12	S. & U. Coal Co.	Stanley Skeloski	P. O. Box 297	Wyano 15695
33	Sanner Brothers Coal Co.*	Robert Sanner	R. D. 1	Rockwood 15557
24	Scott Brothers Coal Co.	John Scott		Blandburg 16619
23-33	Scurfield Coal Co.*	Wm. Scurfield	226 Main St.	Berlin 15530
12	Sekora Coal Co., Inc.	John Sekora, III	P. O. Box 200	Luxor 15662
32	Selected Fuels, Inc.*	Leonard W. Kuntz		Ramey 16671
1	Sell Corp., Wayne W.	W. W. Sell	236 Windfield Rd.	Sarver 16055
31	Seprish & Urbanick Coal Co.*	Wm. Seprish		Snow Shoe 16874
12	Sewickley Coal Co.	Anthony Cambruzzi	P. O. Box 77	Darragh 15625
22	Shade Valley Coal Co.	George Ledney		Windber 15963
23	Shaffer, Nevin L.	N. L. Shaffer	204 Sherman St.	Meyersdale 15552
33	Shaffer Coal, Myron*	Myron Shaffer	801 Shady Lane	Windber 15963
32	Shawville Coal Co., Inc.*	Francis Hamilton	P. O. Box 34	Shawville 16873
22	Shick Coal Co.*	Wallace Shick	1428 Church St.	Indiana 15701
29	Shubert & Kraylik Coal Co.	Louis Shubert	R. D. 2	Stoystown 15563
22	Shuster Coal Co.	John Shuster	R. D. 2, Box 1284	Windber 15963
9-27	Siegel Coal Co., Harold A.*	H. A. Siegel	320 Liberty St.	Clarion 16214
22	Simon Coal Co.	J. A. Simon	Box 32	Mt. Gretna 17064
22	Sivard Brothers Coal Co.*	Budd E. Sivard	R. D. 1, Box 199	Clymer 15728
33	Slifco Brothers*	John Slifco	R. D. 3	Berlin 15530
28	Smith, J. Merle*	J. M. Smith	R. D. 1	Avonmore 15618
29	Smith, Ralph L.*	R. L. Smith	213 Keeling Ave.	Derry 15627
10	Smith Coal, George F.	G. F. Smith	252 S. 13th St.	Indiana 15701
14	Smith Coal Co.	Geo. T. Smith	252 S. 13th St.	Indiana 15701
30	Smith & Rogos Coal Co.*#	Alfred A. Smith	P. O. Box 51	Brookway 15824
29	Smith & Sons Coal Co., W. A.*	Murray Smith	R. D. 1	Glen Campbell 15742
23	Snyder, Everett R.	E. R. Snyder		Markleton 15551
30	Snyder, Marlin L.*	M. L. Snyder		Timblin 15778
29	Soberdash Coal & Coke Co.*	Andrew Soberdash	154 Broadway	Connellsville 15425

District	Operator	General Supt.	Address	Zip Code
22	Solar Fuel Co.	Paul Shreckengost	Hooversville	15936
23	Spewock, Theodore	Theodore Spewock	Latrobe	15650
33	Spickler Coal Co.*	Frank Spickler	Route 4 Hagerstown, Md.	21740
18	Sponsky Coal Co.	William Sponsky	Bakerton	15737
9-27-30	Stahman Coal Co., Inc., W. P.*	H. Dean Rhodes	Corsica	15829
20	Standard Collieries, Inc.	Nino Cotroneo	R. D. 1, Box 189 Johnstown	15906
24	Standard Mining Co.	Paul Zumer	R. D. 1, Box 416 Lilly	15938
13	Stanley Coal Co.	Henry Stanley	R. D. 2, Box 343D Uniontown	15401
30	Starr Coal Co.*#	Ivan Starr, Jr.	Brockport	15823
28	State Industries, Inc.*	Earl Cravener	R. D. 1 Kittanning	16201
26	Stefkovich Brothers*#	Albert Stefkovich	R. D. 2 Avella	15312
24	Stella Maris Coal Co.	Terrence Johnston	Box 5 Ashville	16613
9-27	Stiles Co., G. A.*	K. H. McFarland	Tylersburg	16361
17-31	Stott Coal Co., Inc., James M.*	J. M. Stott	P. O. Box 130 Phillipsburg	16866
30-32	Strishock Coal Co.*#	S. A. Strishock	Box 133 Brockway	15824
29	Stromick, Mike*	Mike Stromick	2 Truman Ave. Uniontown	15401
30	Sugar Hill Limestone Co.*	Russell A. Smith	Reynoldsville	15851
1-28	Sunbeam Coal Corp.*	William Harger	303 Woodland Rd. Butler	16001
16	Sunny Creek Coal Co., Inc.	Charles Lockard	632 Phila. St. Indiana	15701
24	Super Coal Co.	Robert Barnhart	Flinton	16640
23	Svonavec, Inc.	Steve Svonavec	Somerseset	15501
33	Svonavec Coal Co.*	Steve Svonavec	R. D. 1 Friedens	15511
32	Swistock & George*	Peter Swistock	Houtzdale	16651
22	T. L. S. Coal Co.	Joseph Stosick	Central City	15926
30	Tamburlin Brothers Coal Co.*	Geo. Tamburlin	Brockport	15823
16	Tandom Coal Corp.	Adam Greece	322 No. 2nd St. Apollo	15613
29	Tedesco Coal Co.*	Wm. Tedesco	Box 143 Wyano	15695
9-32	Teeter, John E.*	J. E. Teeter	Box 72 Phillipsburg	16866
1-25	Testa Brothers, Inc.*	Wm. O. Testa	Sandy Lake	16115
23	Thomas, Samuel	Samuel Thomas	Box 127 Acosta	15520
32	Thomas Brothers Coal Co.*	Richard Peterman	Grampian	16838
17-31-32	Thompson Brothers Coal Co., Inc.*	Leroy Thompson	Box 626 Phillipsburg	16866
32	Thompson Coal Co., Inc.*	Burtis Thompson	Pauline St. Phillipsburg	16866
32	Thompson Coal Co., Inc., John A.*	James G. Hudson	R. D. 3 Clearfield	16830
28	Tiche Limestone & Construction Co.*	Zetta Tiche	R. D. 1 Boyers	16020
18	Tocarchick Coal Co.	Joseph Tocarchick	Spangler	15775
2	Top Grade Mining Co.	John Woodall	519 Wood Street New Bethlehem	16242
28	Toy, Guy*	Guy Toy	Spring Church	15686
28	Toy Coal Co., Edwin W.*	E. W. Toy	R. D. 3 Kittanning	16201
7	Tremont Mining Co.	Edward Baker	188 Arlington Ave. Charleroi	15022
23	Trent Coal Co.	Bruce W. Trent	R. D. 1 Friedens	15511
25-28	Tri-County Fuel Co.*	James O. Anderson	P. O. Box 7 Boyers	16020
28	Troy Hill Contracting Co., Inc.*	Blaney W. Bowser	MR 10, Butler Rd. Kittanning	16201
16	Tunnelton Mining Co.	John Boback	R. D. 1 Blairsville	15717
23	Turcheck, J. J.	J. J. Turcheck	Wilpen	15694
32	Turner Coal Co., Wilton R.*	W. R. Turner	R. D. 2, Box 415 Phillipsburg	16866
26-29	Twilight Industries, Inc.*	Howard Detwiler	444 Broad Ave. Belle Vernon	15012
26	Tyhnas, Leroy*	Leroy Tyhnas	R. D. 1 Coal Center	15423
29	Ulishney Fuel Co., Inc.*	Paul Ulishney	R. D. 1 Greensburg	15601
1	Union Carbide Corp.			
14	Mining & Metals Division	T. W. Garges	P. O. Box 338 Saxonburg	16056
3-7-13-29	United Industries, Inc.	Charles Powell	Keystone Bldg. Kittanning	16201
22	United States Steel Corp.*	R. C. Beerbower	P. O. Box 1391 Uniontown	15401
15-22	Valent Coal Co.	Maurice G. Huston	R. D. 5 Johnstown	15901
1-25	Valley Coal Co.	Ed. G. Vehovic	P. O. Box 86 Alverda	15710
20	Veon, Inc., Ralph A.*	R. A. Veon	P. O. Box 326 Darlington	16115
30	Vinton Coal Co.	Harry Keilman	R. D. 2 Ebensburg	15931
33	Vollmer, Lawrence B.*	Lawrence Vollmer	Rosely Road St. Marys	15857
9-27	Weakland Brothers Coal Co.*	M. A. Weakland	R. D. 1 Barnesboro	15714
13	Weaver & Sons, A. P.*	A. P. Weaver	Box 45 Fryburg	16326
11	Weimer Coal Co.	Warren Weimer	R. D. 1, Box 508 McClellandtown	15458
1-28	Wells Brothers Coal Co.	Eugene Wells	P. O. Box 36 Elderton	15736
28	Western Hickory Coal Co., Inc.*#	Harry W. List	3939 Ellwood Rd. New Castle	16051
28	Western Penna. Processing, Inc.	J. Fennal	P. O. Box 1030 Butler	16001
9	West Freedom Mining Corp.*#	Russell W. Haller	Box 169 Kittanning	16201
12	West-Mont Coal & Clay Co., Inc.*	F. J. Hortert	R. D. 1 West Sunbury	16061
11	Westmoreland Co. Institution Distr.	Edward A. Semanek	P. O. Box 10 Greensburg	15602
29	Westville Coal Co.	Henry Foradora	1033 - 7th Ave. Brockway	15824
16	Wheeler Coal Co.	D. J. Wheeler	R. D. 1, Box 190 Home	15747
29	Whyel Coal Co.*	Mel Conn	22 Mayflower Dr. Uniontown	15401
16	Willowbrook Coal Co., Inc.	Charles Lockard	632 Phila. St. Indiana	15701

District	Operator	General Supt.	Address	Zip Code
25	Willowbrook Mining Co.*	James Sartori	362 E. Water St.	Slippery Rock 16057
27	Wilson, John N.*	J. N. Wilson		Shippenville 16254
25	Winger Coal Co.*	Clair E. Winger	R. D. 6	Mercer 16137
31	Winters Construction, Melvin*	Melvin Winters	R.F.D., Box 621-B	Osceola Mills 16666
32	Wister Coal Co.*	Mike Ninosky		Irvona 16656
28	Wolcott, Dale M.*	D. M. Wolcott	315 S. Fifth St.	Indiana 15701
11-26	Wood Coal Co.*	Nick Giovannelli	R. D. 2	Tarentum 15084
18	Woods Coal Co.	Russell Woods	P. O. Box 3	Barnesboro 15714
28	Wright Coal Co., Grant R.*#	G. R. Wright	Box 194	Fombell 16123
13	Z. & M. Coal Co.	Frank Zentkovich		Smithfield 15478
1-9-25-27	Zacherl Coal Co., Inc.*	Raymond Zacherl	505 Bank St.	Titusville 16354
7	Zippay Coal Co.	George Zippay	R. D. 2, Box 596	Charleroi 15022
33	Zubek & Yantus Coal Co.*	Steve Yantus		Central City 15926
1	Zuck Coal Co., Inc.*	E. G. Zuck		Shippenville 16254
22	Zurenda Coal Co.	Daniel Zurenda	R. D. 1	Cairnbrook 15924



# **BITUMINOUS CLEANING PLANTS**





## CLEANING PLANTS

1969

## BITUMINOUS COAL DIVISION

Dis- trict	Name of Cleaning Plant	Company or Operator	Location	Zip Code
9	Allison	Allison Engineering Co.	Sligo	16255
11	Altmire	Altmire Brothers Coal Co., Inc.	North Apollo	15673
17	Antrim	Jones & Brague Coal Co.	Antrim	16901
12	Banning No. 4	Republic Steel Corp.	West Newton	15089
14	Bear Run	Johnstown Coal & Coke Co.	Lochvale	15742
17	Benjamin No. 3	Benjamin Coal Co.	LaJose	15753
17	Benjamin No. 5	Benjamin Coal Co.	Bells Landing	15757
20	Bethlehem No. 77	Bethlehem Mines Corp.	Mineral Point	15942
21	Bird No. 3	Bird Coal Co.	Tire Hill	15959
9	C. & K.	C. & K. Coal Co.	Rimersburg	16248
10	Cadogan No. 2	Allegheny River Mining Co.	Cadogan	16212
24	Cambria Preparation Plant	Bethlehem Mines Corp.	Ebensburg R.D.	15931
11	Canterbury	Canterbury Coal Co.	Maysville	15618
6	Champion Preparation Plant	Pittsburgh Coal Co.	Imperial R.D.	15126
15	Cherryhill No. 1 Prep. Plant	Cherryhill Collieries, Inc.	Clymer	15728
19	Colver	Eastern Associated Coal Corp.	Colver	15927
17	Connos No. 1	Empire Coal Co.	Houtzdale	16651
16	Conemaugh No. 1	The North American Coal Corp.	Seward	15954
17	Cook's Run	River Hill Coal Co., Inc.	Kettle Creek	
17	Cooper No. 1	Bradford Coal Co., Inc.	Curwensville	16833
13	Daugherty	Bortz Coal Co.	Smithfield	15478
10	Decker No. 5	Powell Coal Co.	Kittanning	16201
12	Delmont	Eastern Associated Coal Corp.	Hunker	15639
1	Dorchem	Dorchem Pennsylvania, Inc.	Chicora	16025
14	Doverspike	Doverspike Brothers Coal Co.	Dora	15735
4	Dunkard	Dunkard Mining Co.	Dunkard	15328
13	Eagle	Chess Coal Co.	Point Marion	15474
21	Ehrenfeld	Pennsylvania Coal & Coke	Ehrenfeld	15933
7	Ellsworth No. 51	Bethlehem Mines Corp.	Ellsworth	15331
21	Eureka No. 40 Upper	Jandy Coal Co., Inc.	Windber	15963
1	Fawn	Union Carbide Corp.	Sarver	16055
16	Florence No. 1	The Florence Mining Co.	Huff	15944
11	Foster	Leechburg Mining Co.	Brownstown	17508
15	Glenside	James Coal Mining Co.	Starford	15777
17	Grassflat	Robert Bailey Estate	Grassflat	16389
14	Harman	Harman Coal Corp.	McWilliams	16242
5	Harmar	Harmar Coal Co.	Pittsburgh	15238
1	Hilliard	Mohawk Mining Co.	Hilliards	16040
9	Hoffman	J. E. Hoffman Coal Co., Inc.	Karthaus	16845
12	Hutchinson Preparation Plant	Pittsburgh Coal Co.	Hutchinson	15640
13	Isabella	National Mines Corp.	Isabella	15750
16	Josephine	Willowbrook Coal Co., Inc.	Josephine	15750
9	Lady Jane	Lady Jane Collieries, Inc.	Penfield	15849
18	Lancashire Nos. 24B & 24D	Barnes & Tucker Co.	Stiles Crossing	
18	Lancashire No. 25	Barnes & Tucker Co.	Bakerstown	15007
15	Lucerne No. 3	Rochester & Pittsburgh Coal Co.	Lucernemines	15754
7	Maple Creek	United States Steel Corp.	New Eagle	15067
10	Mahoning Creek	Carpentertown Coal & Coke Co.	Templeton	16259
7	Marianna No. 58	Bethlehem Mines Corp.	Marianna	15345
16	Marion	Tunnelton Mining Co.	Tunnelton	15681
6	Mathies Preparation Plant	Mathies Coal Co.	Courtney	15029
15	Mears Preparation Plant	Mears Coal Co.	Dixonville	15734
17	Mid Penn	Elliot Coal Mining Co., Inc.	Madera	16661
17	Morris Run	Jones & Brague Coal Co.	Morris Run	16939
3	Nemacolin	The Buckeye Coal Co.	Nemacolin	15351
21	Onnilinda	Cooney Brothers Coal Co.	Onnilinda	15939
17	Osceola Mills	Elliot Coal Mining Co.	Osceola Mills	16666
22	Reitz No. 4	Reitz Coal Co.	Central City	15926
17	Renova	R. S. Carlin, Inc.	Renova	17764
5	Renton Preparation Plant	Pittsburgh Coal Co.	Pittsburgh	15239
3	Robena	United States Steel Corp.	Greensboro R.D.	15338
1	Russellton	Republic Steel Corp.	Russellton	15076

Dis- trict	Name of Cleaning Plant	Company or Operator	Location	Zip Code
21	Ruthford Processing Plant	Roxby Coal Co.	Ruthford	15955
14	Schrock	United Industries, Inc.	Porter	15766
22	Shade Creek	P.B.S. Coals, Inc.	Central City R.D.	15926
17	Shannon No. 1	Bradford Coal Co., Inc.	Bigler	16825
13	Shannopin	Jones & Laughlin Steel Corp.	Dilliner	15327
13	Shoaf	Menallen Coke Co.	Shoaf	15401
17	Snow Shoe	R. S. Carlin, Inc.	Snow Shoe	16874
7	Somerset No. 60	Bethlehem Mines Corp.	Somerset Twp.	15501
21	Sonman	Cooney Brothers Coal Co.	Sonman	15946
9	Stahlman	W. P. Stahlman Coal Co., Inc.	Corsica	15829
9	Stiles	G. A. Stiles Co.	Tylersburg	16361
15	Valley No. 2	Valley Coal Co.	Heilwood R.D.	15745
8	Vesta-Shannopin Preparation Pl.	Jones & Laughlin Steel Corp.	LaBelle	15450
4	Warwick	Duquesne Light Co.	Greensboro	15338
9	Weaver Washing Plant	A. P. Weaver & Sons	Fryburg	16326
17	Winburne	River Hill Coal Co., Inc.	Winburne	16879
13	Wynn	Ruane Coal & Coke Co.	Fairchance	15436

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# **REPORT OF OIL AND GAS DIVISION**



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

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ANNUAL REPORT 1969

INCLUDES ONLY WELLS COVERED BY OIL AND GAS CONSERVATION LAW  
EFFECTIVE SEPTEMBER 25, 1961

	1961	1962	1963	1964	1965	1966	1967	1968	1969	TOTAL
Drilling Permits Issued	19	69	94	98	46	62	25	14	11	438
Cancellations as of end 1969	0	4	11	14	5	9	2	0	1	46
Effective Permits	19	65	83	84	41	53	23	14	10	392

Completion Report Filing Status

	1961	1962	1963	1964	1965	1966	1967	1968	1969	TOTAL
Reports Received as of end 1968	18	65	83	82	41	53	21	9	-	372
During 1969	-	-	-	-	-	-	1	4	5	10
Unreported as of end 1969	1	-	-	2	-	-	1	1	5	10

Well Record Information

	<u>WILDCAT WELLS</u>		<u>FIELD WELLS</u>		<u>TOTAL WELLS</u>	
	Gas	Dry	Gas	Dry	Gas	Dry
1961 Permits	1	11	4	2	5	13
1962 Permits	8	27	23	7	31	34
1963 Permits	16	17	39	11	55*	28**
1964 Permits	6	25	44	7	50*	32
1965 Permits	6	26	6	3	12	29
1966 Permits	5	16	30	2	35	18
1967 Permits	1	7	11	3	12	10
1968 Permits	2	9	2	-	4	9
1969 Permits	2	2	1	-	3	2

(\*) Includes wells productive of both oil and gas: 1-1963 Permit, 3-1964 Permits.

(\*\*) One well reclassified as productive.

Note: Wells having been projected to depths controlled by Oil and Gas Conservation Law, and not having reached such formations, together with wells having penetrated formations covered by the Conservation Law and found to be unproductive at such depths, thence plugged back to produce gas from shallow depths not covered by the Law, are considered for Commission purposes to be dry.

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

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Wells under Commission Jurisdiction

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>TOTAL</u>
Wells Reported Productive	5	31	55	50	12	35	12	4	3	207
Dry Wells to be Plugged	-	1	1	1*	1	-	1	3	1	9
Active Wells Not Reported	<u>1</u>	<u>-</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>-</u>	<u>1</u>	<u>1</u>	<u>5</u>	<u>10</u>
	6	32	56	53	13	35	14	8	9	226
Less Productive Wells Produced, Depleted, and Plugged	<u>-</u>	<u>3</u>	<u>8</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>14</u>
	6	29	48	50	13	35	14	8	9	212

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\*Disposal Well

Number of Operators

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
By Year	12	22	24	24	18	18	7	11	8
Cumulative (Since 9/25/61 Effective Date of Law)	12	26	38	48	52	57	57	59	61

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Temperature, Electric, and Radioactivity Logs Filed

P E R M I T S

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>TOTAL</u>
Number of Survey Logs	26	77	222	234	77	96	37	17	19	805
Number of Wells Surveyed	12	27	71	78	34	28	17	6	9	282

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Statement of Income - 1969

Drilling Permit Fees	11 Permits @ \$25.00 each	\$275.00
Spacing Order Application Fee		<u>250.00</u>
Total Income		\$525.00



OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

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PRODUCTIVE WELLS BY COUNTY (Excludes wells produced, depleted and plugged)

P E R M I T S

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Armstrong	-	-	-	-	-	-	-	-	-
Beaver	-	-	-	-	-	-	-	-	-
Bedford	-	4	9	6	-	-	-	-	-
Blair	-	-	-	-	-	-	-	-	-
Bradford	-	-	-	-	-	-	-	-	-
Cambria	-	-	-	-	2	1	2	2	2
Cameron	2	11	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-
Center	-	-	-	-	-	-	-	-	-
Clarion	-	-	1	1	-	-	-	-	-
Clearfield	1	1	1	2	-	-	-	-	-
Clinton	-	-	-	-	-	-	-	-	-
Crawford	-	2	19	33	1	-	-	-	-
Elk	1	2	-	-	-	-	-	-	-
Erie	-	-	-	-	-	-	-	-	-
Fayette	1	-	1	1	-	-	-	-	1
Fulton	-	-	-	-	-	-	-	-	-
Greene	-	-	-	-	-	-	-	-	-
Indiana	-	-	7	-	1	-	-	-	-
Jefferson	-	-	-	-	6	31	10	1	-
Juniata	-	-	-	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-	-	-
McKean	-	-	-	-	-	-	-	-	-
Mercer	-	-	1	1	1	1	-	-	-
Monroe	-	-	-	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-	-	-	-
Potter	-	5	-	-	-	-	-	-	-
Somerset	-	-	-	-	-	1	-	1	-
Tioga	-	-	-	-	-	-	-	-	-
Warren	-	-	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-	-	-
Wayne	-	-	-	-	-	-	-	-	-
Westmoreland	-	<u>3</u>	<u>8</u>	<u>3</u>	<u>1</u>	<u>1</u>	-	-	-
	5	28	47	47	12	35	12	4	3

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

PERMITS BY COUNTY (Cancellations Excluded)

	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>
Armstrong	-	-	1	-	-	2	1	-	-
Beaver	-	-	-	-	1	-	-	-	-
Bedford	-	5	10	11	3	-	-	-	-
Blair	1	-	-	-	1	-	-	-	1
Bradford	1	-	2	-	-	1	-	-	-
Butler	-	-	-	-	-	-	-	-	1
Cambria	-	2	-	-	2	1	2	4	3
Cameron	3	14	1	2	1	-	-	-	-
Carbon	-	1	-	1	-	-	-	-	-
Center	-	-	1	1	1	-	-	-	-
Clarion	-	-	1	3	1	1	-	-	-
Clearfield	2	6	4	4	1	-	-	1	-
Clinton	-	1	-	-	-	-	-	-	-
Crawford	-	2	25	43	4	1	-	-	-
Elk	1	3	1	-	-	-	-	1	-
Erie	-	2	-	1	1	-	-	-	-
Fayette	2	2	1	2	1	1	1	-	1
Fulton	-	-	-	-	3	-	-	-	-
Greene	-	1	-	-	-	-	-	-	-
Indiana	-	5	17	1	2	1	1	2	1
Jefferson	-	-	1	-	7	34	13	1	-
Junata	-	-	-	1	-	-	-	-	-
Lawrence	-	-	-	1	1	-	-	-	-
Lycoming	2	-	-	-	-	-	-	-	-
McKean	1	1	1	1	1	-	-	1	-
Mercer	-	1	2	2	1	2	1	1	-
Monroe	-	-	-	-	-	-	-	-	-
Northumberland	-	-	-	-	-	-	-	-	-
Potter	1	8	1	1	1	1	-	-	2
Somerset	1	3	1	1	1	3	-	1	1
Tioga	2	1	-	-	1	1	-	-	-
Warren	1	-	1	1	2	-	-	-	-
Washington	-	-	-	-	-	1	1	1	-
Wayne	-	-	-	-	1	-	-	1	-
Westmoreland	<u>1</u>	<u>7</u>	<u>12</u>	<u>7</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>-</u>	<u>-</u>
Number of Wells	19	65	83	84	41	53	23	14	10
Number of Counties By Year	13	18	18	18	23	14	8	10	7
Cumulative		22	26	28	31	32	32	32	33

BOARD OF COMMISSIONERS

The Commissioners serve without compensation other than traveling and other necessary expenses.

The following are members of the Board of Commissioners:

Honorable H. B. Charnbury, Secretary Department of Mines and Mineral Industries		Serving by Statute
Quentin E. Wood, Chairman*	Representing	Independent Oil
Harold J. Magner, Vice Chairman*	"	Independent Oil or Gas
Charles E. McGinnis	"	Major Oil
William E. Snee	"	Independent Gas
Charles P. Duncan, Jr.	"	Major Utility Gas
J. R. Wylie, Jr.	"	Major Non-Utility Gas

W. Roy Cunningham, Deputy Secretary, Oil and Gas Division, has served as a Commissioner, having represented Honorable H. B. Charnbury at the Commission meetings and hearings when Dr. Charnbury has been unable to be present.

Edward S. Martin, Esquire, has served as Legal Advisor to the Commission.

Robert J. Hartman is Secretary of the Commission.

MEETINGS OF COMMISSIONERS

During 1969 the Board of Commissioners held 9 regular meetings to consider the administrative affairs of the Commission, and upon application, notice, and hearing, entered one spacing order.

\* Elected December 3, 1969, to serve for the calendar year 1970, succeeding Charles E. McGinnis, Chairman, and Quentin E. Wood, Vice Chairman.

## ANNUAL REPORT - 1969

## Petroleum Engineers

The work of the Petroleum Engineers of the Oil and Gas Division during the year 1969 consisted mainly of developing projects whereby certain types of abandoned wells would be plugged by the Commonwealth. Aside from regular anticipated duties, it is noted that the Engineers had to discontinue work on these projects for a period of two months during the summer months due to a single investigation.

Some preliminary investigative work on certain watersheds had been started in 1968 and this work continued at an accelerated pace during 1969. This work was started with the anticipation that legislation would be passed giving the Division the authority to plug abandoned pre-act wells for cause. With the passage of Act 77, which was approved July 24, 1969, such authority was granted. It then became incumbent upon the Division to develop programs or projects to seal such designated wells.

The main reason for wanting to seal these wells was to stop the discharge of large amounts of pollutant fluids which were contributing to the pollution of Commonwealth streams. Our investigations showed that it would be best to develop projects on a watershed drainage basis starting at the headwaters. In this way, after the sealing of the offending wells, samples of the stream waters would be taken downstream and analyzed to ascertain whether the pollution had been abated or had become markedly lower.

Knowing that matching funds for this type work were available under the Appalachian Regional Commission, it was decided that applications be prepared and submitted to the ARC for its consideration. Since the

initial application to be submitted would be the first of this type to be prepared, it was necessary to gain some knowledge of the forms needed and material to be incorporated in the application. Several meetings of the Division Engineers and the Deputy Secretary were held with Mr. Carl Peterson, Director of Appalachian Program for the Department. It was reported that New York State had submitted an application to the ARC, which was approved. A meeting was arranged with Mr. James DeSalvo of the New York State Oil and Gas Division at Albany. At this meeting the Engineers examined their approved application and discussed the material to be included in such an application. Finally a representative of the U. S. Bureau of Mines, Division of Environmental Activities, was invited to come to Pittsburgh for discussions. This Bureau passes on the technical phases of the application for the ARC. Mr. Ralph Cox, of the Bureau, discussed the anticipated plugging proposals under the Appalachian Program with the Deputy Secretary and the Engineers. Following these discussions, Mr. Cox was taken on a field trip the next day for a personal observation tour of some of the areas under discussion.

As a result of these discussions we were made aware of the information and material that should be included in the submitting of the original application. Further, we learned that additional information and material will be required to be submitted after the initial approval by the ARC. Thus guided, there should be no delay on our part in accumulating the information and material required to be submitted for the second phase of the application.

A compilation of the watersheds that have been investigated follows showing status of each to date:

1. Pine Run - Lafayette Township - McKean County:
  - (a) Water sampling completed.
  - (b) Preliminary discussion with Mr. Gale Weisner of Quaker State Oil Refining Corp. regarding the plugging of the discharging wells.
2. Upper Paint Creek - Farmington - Washington - Knox Townships - Clarion County:
  - (a) Numerous sources located.
  - (b) Samplings completed.
  - (c) ARC application prepared and sent to Harrisburg for consideration.
3. Toms Run - Cook State Park - Farmington Township - Clarion County:
  - (a) Various sources located.
  - (b) Samplings completed.
  - (c) ARC application prepared and sent to Harrisburg for consideration.
4. Mill Creek - Mill Creek Township - Clarion County Union and Eldred Townships - Jefferson County:
  - (a) Various sources located.
  - (b) Samplings completed.
  - (c) Specifications for plugging contract completed and sent to Harrisburg for consideration. To be plugged under Conservation Bond issue.



5. The following listed watersheds have shown some pollution coming from well sources during preliminary investigation and all are scheduled for further investigation:
- (a) Little East Sandy - Ashland Township - Venango County.
  - (b) Toby - Farmington Township - Clarion County.
  - (c) Little Paint Creek - Paint Township - Clarion County.
  - (d) Little Mill Creek - Union Township - Jefferson County.
  - (e) Simpson and Welch Runs - Union and Rose Townships - Jefferson County.
  - (f) Beaver Creek - Beaver Township - Clarion County.

Recommendations:

- 1. Continue field investigations in the watersheds listed under item 5.
- 2. Prepare and submit additional applications for ARC grants to Harrisburg for consideration.
- 3. Consider the possibility of filing applications on a regional basis rather than on a watershed basis.
- 4. When projects become operable, implementation of staff organization should be considered.

## REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

## SUMMARY OF ACTIVITIES

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
1. Drilling Permits Issued in Coal Areas	208	334	320	313	296	277	350	320	364	331	320	325	299	337
2. Drilling Permits Issued Coal Areas Act 359 #	-	-	-	-	-	9	34	43	24	20	51	24	12	7
3. Total Wells Coal Areas (Items 1 and 2)	208	334	320	313	296	286	384	363	388	351	371	349	311	344
4. Drilling Permits Issued in Non-Coal Areas	-	-	-	-	-	-	-	-	-	-	-	-	297	806
5. Drilling Permits Issued Non-Coal Areas Act 359 #	-	-	-	-	-	10	35	51	74	26	11	1	2	4
6. Total Permits Issued (Items 3, 4, and 5)	208	334	320	313	296	296	439	414	462	378	382	350	610	1154
7. Reported Wells in Non-Coal Areas-File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*	653*	660*	698*	110*
8. Total Wells Non-Coal Areas (Items 4, 5, and 7)	642	678	744	495	643	477	480	583	856	679	664	661	997	920
9. Total Wells Coal and Non-Coal Areas (Items 6 and 7)	850	1012	1064	808	939	763	864	946	1244	1030	1039	1010	1308	1264
10. Total Drilling Permits Issued Act 359 (Items 2 and 5) #	-	-	-	-	-	19	69	94	98	46	62	25	14	11
11. Drilling Canceled - Permits and Non-Coal File Numbers	-	1	21	29	281	49	8	24	27	118	82	40	270	158
12. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968	997	943	1045	985
13. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287	564	358	1246	1851
14. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15	7	22	22	141
15. Wells Reported Plugged and Abandoned	70	130	110	181	237	243	254	204	353	267	319	566	485	1723
16. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145	299	172	175	163
17. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3	1	-	1	2

# Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

\* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961. Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

TABLE #2  
SUMMARY OF ACTIVITIES BY COUNTIES  
JANUARY - DECEMBER 1969

County	Permits Issued		Permits Reported		Drilling Canceled	Wells		Plugging Canceled	Wells		Pillar Permits Issued	Pillar Permits Canceled	DRILLING PERMITS ISSUED		Total
	Coal Areas	Non-Coal Areas	Issued	Wells		Total	Reported Drilled		Plugging Issued	Reported Abandoned			ACT 359 of 1961		
													Coal Areas	Non-Coal Areas	
Allegheny	3	-	-	-	3	3	7	1	8	18	2	-	-	-	-
Armstrong	75	4	-	-	79	70	44	3	25	42	-	-	-	-	-
Beaver	4	-	-	-	8	-	3	-	3	-	-	-	-	-	-
Blair	-	1	-	-	1	-	-	-	-	-	-	-	1	-	1
Bradford	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
Butler	6	6	-	-	12	5	53	7	49	18	-	-	-	-	-
Cambria	3	1	-	-	4	3	-	-	-	-	-	-	-	-	-
Cameron	-	1	-	-	1	1	-	-	1	-	-	-	-	-	-
Clarion	10	8	1	2	19	13	29	-	26	-	-	-	-	-	-
Clearfield	12	-	-	-	12	13	8	-	11	2	-	-	-	-	-
Clinton	-	7	1	-	8	2	2	-	3	-	-	-	-	-	-
Crawford	-	19	2	-	21	13	104	2	45	-	-	-	-	-	-
Elk	1	6	1	-	8	8	25	-	22	-	-	-	-	1	1
Erie	-	-	-	-	-	-	7	-	6	-	-	-	-	-	-
Fayette	3	3	1	7	-	8	7	-	5	-	-	-	1	-	1
Forest	-	53	14	67	1	43	25	-	13	-	-	-	-	-	-
Greene	5	-	-	5	1	2	14	-	15	32	-	-	-	-	-
Indiana	145	2	-	147	16	154	14	2	11	7	-	-	-	1	1
Jefferson	54	13	-	67	8	56	59	3	58	-	-	-	-	-	-
Lycoming	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-
McKean	-	221	21	242	84	228	1240	117	1109	-	-	-	-	-	-
Mercer	-	-	-	-	-	1	5	-	5	-	-	-	-	-	-
Potter	-	35	14	49	-	32	26	1	39	-	-	-	2	2	2
Somerset	1	-	-	1	-	1	1	1	1	1	-	-	-	1	1
Tioga	-	14	-	14	-	3	3	-	3	-	-	-	-	-	-
Venango	-	149	8	157	32	110	35	-	53	-	-	-	-	-	-
Warren	-	258	46	304	10	190	108	3	176	-	-	-	-	-	-
Washington	5	-	1	6	-	3	11	2	12	42	-	-	-	-	-
Westmoreland	17	-	-	17	-	22	19	-	22	2	-	-	-	-	-
Wyoming	-	2	-	2	-	1	1	-	1	-	-	-	-	-	-
TOTAL	344	810	110*	1264	158	985	1851	141	1723	163	2	7	4	11+	11+

(\*) Permits were not required for wells drilled in non-coal areas prior to September 30, 1968.  
Act 265, approved July 31, 1968, effective September 30, 1968 - requires permits to be issued for all wells.

(+) Included in Total of 1154 Drilling Permits Issued.



TABLE #3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Cambria	Cameron	Clarion	Clearfield	CClinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	Ivycombing	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Brenan, Russel A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3
Brown & Keppel Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	2	-	-	1	-	-	1	6
Bucher Oil Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Burgly, Jr., G. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Burnham Gas Company, Incorporated	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
C. C. Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	16
Cady, Myrle L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Campbell, Dale H.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Carey Gas & Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Carnege Natural Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Castle Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	1
Certavestment Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
Charman-Voltman Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Clinger, W. F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Clinger, W. Floyd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Clapp & Son, John	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Colligan, William H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Colonial Oil & Gas Corporation	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Columbia Gas of Pennsylvania, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Consolidated Gas Supply Corporation	-	4	-	-	-	-	-	-	-	2	7	-	-	-	-	-	14	11	-	-	-	29	12	-	-	-	-	-	4
Cornes, E. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Culbertson, W. E.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Curtis Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Curtis & Son, Howard	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6





TABLE #3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Cambria	Cameron	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	Lycoming	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Fisher, Paul A.	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2
Flanigan Brothers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Fox, Harold L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Franchot & Company, Incorporated, D.W.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3
Frederick, Don C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	3
Geathart, Floyd A.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Geer, I. L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	16
Genesee Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Gettman, W. I.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1
Gibson Heirs, J. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Gibson Heirs, J. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
"Little Boyd Properties"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Coal Drilling Company, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Green Refractories Company, A. P.	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Climax Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Griffith, Charles M. (Individual)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Grimes Consolidated, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2
Grosch Brothers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	7	-	-	-	-	7
Hanley & Bird	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hanley Gas Company, T. E.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
Haynes & Meacham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Heeter, John C.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Heilman, Joseph	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hersoz, Richard B.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hess, Lewis F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	4



TABLE #3

## SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Cambria	Cameron	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	Ivycombing	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Lehmann, C. Ernest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Lenco Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Lexa Oil Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Louden Production Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1
M.D.M. Oil Company of Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Manor Oil & Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Manross, Richard H., Lenna, Reginald A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	1	-	-	-	1
Manufacturers Light & Heat Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2
Marshall, N. E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Mason, Kenneth B.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
Master, M. M.	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Meays, James A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
McCluskey, J. Sterling	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
McCool & McCool	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	4	-	-	-	4
McCormick, Sanford E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3
McEvoy, James F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
McGregor, William G.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
McKenna, H. A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	10
Mead, Geary P.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	8	-	-	-	8
Messer Oil Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	9
Mid-Atlantic Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	9
Mid-East Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7
Minard Run Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	35
Minnich, Joseph Heirs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3
Morrison, Ralph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1



TABLE #3  
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED  
JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Blair	Bradford	Butler	Cambria	Cameron	Clarion	Clearfield	CClinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	Ivycombing	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Shamrock Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	4
Shearer, James I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	5
Shelocla Oil & Gas Company	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Shriver, Jack L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Smith, George S. (Fmly. Second Sard Oil Co.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Snee, William E. & Eberly Orville and the Peoples Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
Sorenson & Associates, Roger R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	1
Southwell, William	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Spetz & Swanson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1
Starr, Carl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Stefarik, Louis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1
Stone, Thadley R. & Lydia L.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Stoughton, Harold	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	1
Summit Oil Company	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Surf Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Swart, Martin & Vanderhoof	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Sweet Ridge Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sylvania Corporation, The	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
T.R.S.S. Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	10
Tapp & Curtis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3
Tarr, Leonard E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Taylor & Taylor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Texaco, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Tri Penn Oil Company, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3





TABLE #3  
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED  
JANUARY - DECEMBER, 1969

COMPANY	Allegany	Armstrong	Beaver	Blair	Bradford	Butler	Cambria	Cameron	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	Lycoming	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Woideck, Lester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wolfe, J. J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wolf's Head Oil Refining Company, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Pennzoil United, Inc., Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Woods, A. D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wyoming Gas Company, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Zenith Exploration Company	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
TOTAL	3	79	8	1	1	12	4	1	18	12	7	19	7	6	53	5	147	67	2	221	35	1	14	149	258	5	17	2	1154



TABLE #4  
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-OIL AREAS  
JANUARY - DECEMBER, 1969

COMPANY	Clanton	Clinton	Crawford	Elk	Hayette	Forest	McKean	Potter	Venango	Warren	Washington	TOTAL
Penn Flo of Florida, Incorporated	-	-	-	-	-	-	-	-	-	6	-	6
Phoenix Eastern Oil Fields GH-II Incorporated	-	-	-	-	-	-	-	-	-	1	-	1
Pratt, James	-	-	-	-	-	-	-	-	-	4	-	4
Quaker State Oil Refining Corporation	-	-	-	-	-	-	-	-	4	-	-	4
Richmond Associates, Incorporated, John	-	1	-	-	-	-	-	-	-	-	-	1
Second Sand Oil Company	-	-	-	-	-	-	-	-	1	1	-	1
Spetz & Swanson	-	-	-	-	-	-	-	-	-	1	-	1
Starr, Carl	-	-	-	-	-	-	-	-	-	7	-	7
Tarr, Leonard E.	-	-	-	-	-	-	-	-	1	-	-	1
Tri-Penn Oil Company, Incorporated	-	-	-	-	-	-	-	-	-	1	-	1
Turner, Gene	-	-	-	-	-	-	5	-	-	-	-	5
Tyler Oil Company	-	-	-	-	-	-	2	-	-	-	-	2
United Natural Gas Company	-	-	1	-	-	-	-	13	-	-	-	13
Vavalo & Young	-	-	-	-	-	-	-	-	-	-	-	-
Vinopal, Howard R.	-	-	-	-	-	-	-	-	-	2	-	2
Voltman-Chapman Oil Company	-	-	-	-	-	-	-	-	-	2	-	2
Weaver Oil & Gas Corporation	-	-	-	1	-	-	-	-	-	1	-	1
Wharton, Jr., C. C.	-	-	-	-	-	-	-	-	-	-	-	-
Willis, Virginia & Reid	-	-	-	-	-	-	-	-	1	-	1	1
Zenith Exploration Company	-	-	-	-	1	-	-	-	-	-	-	1
TOTAL	1	1	2	1	1	14	21	14	8	46	1	110

TABLE #5  
SUMMARY BY COUNTIES  
TYPE OF WELLS REPORTED DRILLED  
JANUARY - DECEMBER, 1969

County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Other	Test
Allegheny	3	3	-	-	-	-	-	-	-	-
Armstrong	70	62	-	-	-	-	8	-	-	-
Bradford	1	-	-	-	-	-	1	-	-	-
Butler	5	2	-	1	-	-	2	-	-	-
Cambria	3	3	-	-	-	-	-	-	-	-
Clarion	13	6	1	2	-	-	4	-	-	-
Clearfield	13	11	-	-	-	-	2	-	-	-
Clinton	2	1	-	-	-	-	1	-	-	-
Crawford	13	12	1	-	-	-	-	-	-	-
Elk	8	3	1	2	-	-	2	-	-	-
Fayette	8	4	-	-	-	-	4	-	-	-
Forest	43	8	1	24	-	1	9	-	-	-
Greene	2	2	-	-	-	-	-	-	-	-
Indiana	154	147	-	-	-	-	6	-	-	1
Jefferson	56	54	-	-	-	-	2	-	-	-
McKean	228	7	4	120	-	85	12	-	-	-
Mercer	1	-	-	-	-	-	1	-	-	-
Potter	32	-	-	3	24	-	5	-	-	-
Somerset	1	-	-	-	-	-	1	-	-	-
Tioga	3	-	-	-	-	-	3	-	-	-
Venango	110	-	2	105	-	-	2	-	-	1
Warren	190	-	5	178	-	1	6	-	-	-
Washington	3	2	1	-	-	-	-	-	-	-
Westmoreland	22	21	-	-	-	-	1	-	-	-
Wyoming	1	-	-	-	-	-	1	-	-	-
TOTAL	985	348	16	435	24	87	73	-	-	2







TABLE #6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Bradford	Butler	Clarion	Clearfield	Clinch	Crawford	Elk	Erie	Rayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
General State Authority, The (District #4)	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Goodman Brothers, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-	31
Green Refractories Company, A. P.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Climax Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1
Griffith, Charles M. (Individual)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	3
Grimes Consolidated, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Hanley & Bird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Hanley Gas Company, T. E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Harmon, Agent, E. L.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Harmon, et al E. L.	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hilty, Charles, D. & Richards, Earl M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Howard & Son, H. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Humphrey-Stone-McColl Corporation	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Hut, Alfred W. & Virginia H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
James Drilling Corporation	-	-	-	-	-	-	1	-	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82
Kewanee Oil Company	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	25
Kinley Oil & Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	14
Lehmann, C. Ernest	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3
Lynn, Jr., et al Miles R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
M.D.M. Oil Company of Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Maharg, Estate, John C.	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1
Manufacturers Light & Heat Company, The	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Masco Drilling & Supply Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mars Company, The	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2





TABLE #6

## SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Bradford	Butler	Charlton	Clearfield	Clinton	Crawford	Elk	Erie	Fayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Union Drilling, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	9
United Natural Gas Company	-	8	-	-	-	-	-	-	-	17	-	-	4	-	-	30	20	-	14	-	-	11	1	-	-	-	116
Universal Cyclops Specialty Steel Division	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
Universal Major Industries Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Vandenbergh, Jr., William C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Van Rine Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Victory Development Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Vinopal, Howard R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2
W.H.S. Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Walker, James E. & Richard R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wallace, John J.	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Walton, H. E. & Esther	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	2
Weaver, Kenneth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wedekind, Roland R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shroetman, Donald L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wharton, C. C.	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Witco Chemical Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275
Kendall Refining Company Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	275
TOTAL	7	44	3	1	53	29	8	2	104	25	7	7	25	14	14	59	1240	5	26	1	3	35	108	11	19	1	1851

TABLE #7  
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED  
JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Bradford	Butler	Cameron	Clarion	Clearfield	Clinton	Crawford	Elk	Fayette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Wyoming	TOTAL
Allen, Clyde H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	
Andrus & MacDowell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-	-	-	-	-	-	44	
Apollo Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Armclaw Gas Company (Joy Gas Co.)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Austen & Curtis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	
Baker Estate, Walter	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Adm. by Earl & Dale Baker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beck, J. Lowell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	19	
Benson, Charles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	5	
Blue Water Gas Drilling Corporation	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Bracken Construction Company	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	
Bradford District Flood Control Authority	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	6	
Bradford Pipe & Supply Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	
Bradford Urban Redevelopment Authority	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	-	42	
Bucher Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	
Burnham Gas Company, Incorporated	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Burns, Ross, Incorporated	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
Butler Auto Auction	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Butler County Mushroom Farms, Incorporated	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Cady, Myrle L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	
Carnegie Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
Cayman Corporation	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	1	
Clinger, W. F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Comaco Oil, Incorporated, et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
(E. Thomas Matthews, Deceased)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	











TABLE #7  
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Beaver	Bradford	Butler	Cameron	Clarion	Clearfield	CClinton	Crawford	Elk	Frye	Payette	Forest	Greene	Indiana	Jefferson	McKean	Mercer	Potter	Somerset	Thoga	Venango	Warren	Washington	Westmoreland	WYoming	TOTAL
Weaver, Kenneth	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
West Penn Power Company	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wharton, C. C.	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Wilco Chemical Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	279	-	-	-	-	-	-	-	-	-	279
Rendall Refining Company Division	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Zippo Manufacturing Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	8	25	3	1	49	1	26	11	3	45	22	6	5	13	15	11	58	1109	5	39	1	3	53	176	12	22	1	1723

TABLE #8

## SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED

JANUARY - DECEMBER, 1969

COMPANY	Allegheny	Armstrong	Butler	Clearfield	Greene	Indiana	Washington	Westmoreland	TOTAL
Allegheny River Mining Company	-	5	-	-	-	-	-	-	5
Altmire Brothers Coal Company	-	1	-	-	-	-	-	-	1
Bethlehem Mines Corporation	-	-	-	-	1	-	7	-	8
Carpentertown Coal & Coke Company	-	1	-	-	-	-	-	-	1
Dorchem Pennsylvania, Incorporated	-	-	6	-	-	-	-	-	6
Doverspike Brothers Coal Company	-	-	-	-	-	5	-	-	5
Gateway Coal Company	-	-	-	-	3	-	-	-	3
Glory Coal Company	-	-	-	-	-	1	-	-	1
Harmar Coal Company	6	-	-	-	-	-	-	-	6
Jones & Laughlin Steel Corporation	-	-	-	-	7	-	6	-	13
Vesta-Shannopin Coal Division	-	-	-	-	-	-	-	-	-
Lady Jane Collieries, Incorporated	-	-	-	2	-	-	-	-	2
Leasure Coal Company	-	-	-	-	-	1	-	-	1
Leechburg Mining Company	-	1	-	-	-	-	-	-	1
Mathies Coal Company	-	-	-	-	-	-	12	-	12
Pittsburgh Coal Company	5	-	-	-	-	-	9	-	14
Pittsburgh Coal Company	-	-	-	-	-	-	1	-	1
Division of Consolidation Coal	-	-	-	-	-	-	-	-	-
Republic Steel Corporation	7	-	8	-	1	-	-	-	16
Rochester & Pittsburgh Coal Company	-	34	-	-	-	-	-	-	34
Tunnelton Mining Company	-	-	-	-	-	-	-	2	2
Union Carbide Corporation	-	-	4	-	-	-	-	-	4
United States Steel Corporation	-	-	-	-	6	-	1	-	7
United States Steel Corporation	-	-	-	-	14	-	6	-	20
Raw Materials Coal Operations	-	-	-	-	-	-	-	-	-
TOTAL	18	42	18	2	32	7	42	2	163

OIL AND GAS CONSERVATION COMMISSION  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

Spacing and Integration Orders

During 1969, upon the application of Kewanee Oil Company, a spacing order was entered covering the Huntersville Chert and Oriskany Sandstone Production from the pool discovered by the Burley No. 1 Well, Cambria County, Pennsylvania, 3200 acres having been made subject to control, 5 drilling units having been approved, and minimum distances stipulated.

As of the end of 1969, approximately 30,000 acres were subject to spacing order control within the Commonwealth.

<u>NAME OF POOL</u> <u>COUNTIES</u> <u>DISCOVERY DATE</u>	<u>SPACING</u> <u>ORDER</u> <u>AREA</u>	<u>SPECIFIC</u> <u>UNIT</u> <u>ESTABLISHED</u>	<u>MINIMUM</u> <u>DISTANCE</u> <u>BETWEEN</u> <u>WELLS</u>	<u>DISTANCE</u> <u>FROM UNIT</u> <u>BOUNDARY</u>	<u>MINIMUM</u> <u>UNIT</u>
Five Forks Bedford 6-6-62	3,105 acres	7 units averaging 449 acres, but two wells were drilled on each of two units, making the average 345 acres per well	2500'	600'	Specific units designated
Artemas Bedford 6-29-63	3,378 acres	12 units averaging 282 acres	2500'	650'	Specific units designated
Blairsville Westmoreland & Indiana 11-1-62	6,400 acres		3000'	660	400 acres
Murrysville Westmoreland & Allegheny 9-19-63	7,600 acres increased to 8,000 acres	2 units, approx. 600 acres each approved under original orders 346 acres unit approved by latest order	4000' Reduced to 2200'	1400' Reduced to 400'	600 acres Reduced to 300 acres
Somerset Somerset 1-22-64	2,550 acres	4 units averaging 637 $\frac{1}{2}$ acres	3000'	1000'	Specific units designated
Rager Mountain Cambria 1-19-65	7,462 acres	4 units averaging 659 acres	3500'	1000'	600 acres (750 acres maximum)
Burley Cambria 1-13-69	3,200 acres	5 units 640 acres	4000'	1500'	Specific units designated



# DIRECTORY



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

<u>EXECUTIVE OFFICE</u>			<u>ZIP</u> <u>CODE</u>	<u>AREA</u> <u>CODE</u>	<u>PHONE NO.</u>
Dr. H. Beecher Charnbury Secretary	Towne House Apartments 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688
	Home: 222 East Irvin Avenue	State College	16801	814	237-4726
Mrs. M. B. Gutshall Executive Deputy Secretary	Towne House Apartments Home: 2958 Lincoln Street	Harrisburg Camp Hill	17102 17011	717	787-4686 787-4687 787-4688 737-9895
Robert Lesko Deputy Att. General	Towne House Apartments Home: 18 Pheasant Court Wesley Park Apt.	Harrisburg Mechanicsburg	17102 17055	717	787-1015 766-0518
J. Wes Blakely, Director Public Relations	Towne House Apartments Home: 580 Rupley Road	Harrisburg Camp Hill	17102 17011	717	787-4617 232-0330
Joseph Unitis, Director Administrative Serv.	Towne House Apartments Home: 1517 Kay Street	Harrisburg Harrisburg	17102 17109	717	787-5415 545-1923
Leon Boncarosky Personnel Supervisor	Towne House Apartments	Harrisburg	17102	717	787-3197
Nick Laukaitis Procurement Officer	Towne House Apartments	Harrisburg	17102	717	787-2471
Edward Durkin Comptroller	Towne House Apartments	Harrisburg	17102	717	787-5953 787-2557
Catherine Miles Statistical Supervisor	Towne House Apartments	Harrisburg	17102	717	787-4876

BUREAU OF COAL PLANNING AND RESEARCH

Dr. David R. Maneval Director	Towne House Apartments Home: 1867 North Oak Lane	Harrisburg State College	17102 16801	717 814	787-5104 238-0977
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APPALACHIA PROGRAM

Carl Peterson Director	Towne House Apartments Home: 153 West Maple Avenue	Harrisburg Hershey	17102 17033	717	787-4345 533-9037
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COAL MINE SUBSIDENCE INSURANCE FUND

Anthony P. Mazza Director	Towne House Apartments Home: 3131 Penbrook Avenue	Harrisburg Harrisburg	17102 17109	717	787-5565 545-3294
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BUREAU OF COAL LAND IMPROVEMENT

Robert C. Thompson Director	Towne House Apartments Home: T-2 Long Meadow Apts.	Harrisburg Camp Hill	17102 17011	717	787-4321 238-3491
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BUREAU OF LAND & WATER CONSERVATION & RECLAMATION

Wilmer W. Waterhouse Director	Towne House Apartments Home: 4200 Ridge Dr., Colonial Pk.	Harrisburg Harrisburg	17102 17109	717	787-7820 545-5346
Connie J. Goetz Ass't Director	Towne House Apartments Home: 514 Eutaw Avenue	Harrisburg New Cumberland	17102 17070	717	787-7816 774-2622

OIL AND GAS CONSERVATION COMMISSION

R. J. Hartman, Secretary	1205 State Office Bldg.	Pittsburgh	15222	412	565-5077
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<u>OIL AND GAS DIVISION</u>			<u>ZIP</u>	<u>AREA</u>	<u>PHONE NO.</u>
			<u>CODE</u>	<u>CODE</u>	
W. Roy Cunningham	1205 State Office Bldg.	Pittsburgh	15222	412	565-5075
Deputy Secretary	Home: 919 Harlan Avenue	Johnstown	15905	814	288-3769
Wm. J. Burns, Jr.	335 North Barnett Street	Brookville	15825	814	849-2445
Inspector-at-Large					

Dis-  
trictOil and Gas Inspectors

1	Chas. C. Songer	P. O. Box 277	Pittsfield	16340	814	563-7853
2	Howard W. Martin	321 North Eighth Street	Indiana	15701	412	463-0590
3	Chas. E. Baldwin	P. O. Box 26	Washington	15301	412	222-3295
4	Wm. H. Heeter	R. D. 1	Rimersburg	16248	814	473-3846
5	Chas. F. Straub	P. O. Box "B"	DuBois	15801	814	371-4031
6	Richard F. Walther	630 Southview Drive	Pittsburgh	15226	412	563-3656
7	Leon W. Goble	Box 469, 224 N. State St.	Grove City	16127	412	458-6661
8	Wm. E. Sleeman	21 Van-Etten Avenue	Sheffield	16347	814	968-3753

Petroleum Engineers

Bruce E. Ziegler	R. D. 1	Tidioute	16351	814	484-3483
Chas. H. Updegraff	Port Allegany Road	Coudersport	16915	814	274-9196

ANTHRACITE DIVISION

Gordon E. Smith	Motor Contracts Corp.Bldg.					
Deputy Secretary	Rm. 2A - 108 S. Claude A.	Pottsville	17901	717	622-8181	
	Lord Boulevard					Ext. 360
	Home: 161 Avenue "C"	Schuylkill Haven	17972	717	385-0023	
G. R. Sterling, Chief Insp.	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-8181	
Underground Mines						Ext. 360
	Home: Community Square	Buck Run	17926	717	544-5262	
Rodger J. Howell, Director	90 East Union Street	Wilkes-Barre	18701	717	825-7511	
Bureau of Engineering						Ext. 333
	Home: 417 West Atherton Avenue	Taylor	18517	717	562-1660	
Roy Unger, Office Manager	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-8181	
Pottsville						Ext. 360
John Harris, Office Manager	90 East Union Street	Wilkes-Barre	18701	717	825-7511	
Wilkes-Barre						Ext. 333

ANTHRACITE CONSERVATION AND RECLAMATION

Wesley I. Stonebraker	Motor Contracts Corp.Bldg.	Pottsville	17901	717	622-8181	
Director						Ext. 360
	Home: 3117 Yale Avenue	Camp Hill	17011	717	761-1751	

COAL MINE SUBSIDENCE INSURANCE FUND

Harold Alleman, Manager	90 East Union Street	Wilkes-Barre	18701	717	825-7511	
						Ext. 336

Dis-  
trictAnthracite Mine Inspectors

1	T. M. Beaney *	366 Monument Avenue	Wyoming	18644	717	693-0222
2	A. J. Latz *	9 West Phillips Street	Coaldale	18218	717	645-5727
3	J. R. Ruane *	928 North Washington St.	Shamokin	17872	717	648-0262
4	Walter Davis *	1900 West End Avenue	Pottsville	17901	717	622-4107
5	W. A. Sanders	R. D. 2	Dalton	18444	717	563-1945
6	A. A. Joyce	Hill Crest Manor	Elysburg	17828	717	672-2490
7	P. P. Hino	108 East Mahanoy Street	Mahanoy City	17948	717	773-3694
8	Leonard Rogers	837 Spruce Street	Kulpmont	17834	717	373-3942
9	G. P. Gallagher	103 East Arch Street	Shamokin	17872	717	648-3887
10	Leon Brass	107 South Walnut Street	Mount Carmel	17851	717	339-4152
11	C. E. Kashner	904 West Spruce Street	Shamokin	17872	717	648-3792
12	J. J. Shober, Jr.	R. D. 1, Lake Hauto	Nesquehoning	18240	717	645-3311
13	Joseph Halaburda	230 South Wylam Street	Frackville	17931	717	874-1163
14	W. D. Maurer	25 Vaux Avenue	Tremont	17981	717	695-3672
15	A. E. Hand		Hegins	17938	717	682-3284
16	C. E. Miller	Wiconisco Street	Muir	17957	717	647-9239

\* Strip Mine Inspectors

Inspectors In Charge Of Projects

			ZIP CODE	AREA CODE	PHONE NO.
W. R. Devens	38 Butler Street	Forty Fort	18704	717	287-4576
G. F. Kettle	1318 Wyoming Avenue	Forty Fort	18704	717	288-6351

Anthracite Electrical Inspectors

Michael J. Polinko	1211 Chestnut Street	Kulpmont	17834	717	373-9449
Donald Sandherr	402 Fleet Street	Pottsville	17901	717	622-4955
William Buggy	246 West Spruce Street	Shamokin	17872	717	648-0356

Anthracite Waste Disposal Investigators

John H. Bowman	1715 North Vine Street	Berwick	18603	717	752-3884
John J. Lavix	444 Union Street	Hudson	18705	717	823-4407
Albert Lipperini	117 Parsonage Street	Pittston	18640	717	654-6163
Benjamin Boltz	1968 Mahantongo Street	Pottsville	17901	717	622-5600

Anthracite Mine Rescue and First Aid

Charles W. Jones	231 West Main Street	Girardville	17935	717	276-6353
Stephen Matsick	617 East Patterson Street	Lansford	18232	717	645-4256

BITUMINOUS COAL DIVISION

Charles B. Manula	122 South Center Street	Ebensburg	15931	814	472-7191
Deputy Secretary	Home: R. D.	Spring Mills	16875	814	422-8224

BUREAU OF DEEP MINE SAFETY

D. B. Millward	122 South Center Street	Ebensburg	15931	814	472-7191
Director	Home: 102 Berkley Street	Philipsburg	16866	814	342-0565

Dennis J. Keenan	122 South Center Street	Ebensburg	15931	814	472-7191
Inspector-at-Large	Home: Park View Apt., P.O. Box 431	Ebensburg	15931	814	472-9127

Dis-  
trict

Bituminous Deep Mine Inspectors  
 (As Of December 31, 1969)

1 P. H. Hyatt	110 Wayne Avenue	Zelienople	16063	412	452-9154
2 W. E. Ray @	205 Westview Drive	Butler	16001	412	287-7245
3 W. L. Groves	320 North Market Street	Carmichaels	15320	412	966-5418
4 J. M. Muchnok, Actg.	R. D. 1, Box 376	Hopwood	15445	412	438-0368
5 G. P. Resick	1608 Taylor Avenue	Arnold	15068	412	335-2197
6 J. M. Hovanic	504 Second St. (Office)	Elizabeth	15037	412	284-4701
	111 Water Street (Home)	W. Brownsville	15418	412	785-7707
7 S. A. Fredrick	221 Charles Street	Belle Vernon	15012	412	929-5353
8 W. J. Vicinelly	15 Maple Avenue	Masontown	15461	412	583-9247
9 R. J. Emigh	111 South Highland Street	DuBois	15801	814	371-3505
10 C. F. Kelly	247 Meadow Street	Ford City	16226	412	763-7846
11 Joseph Reggianni	Box 111	Webster	15087	412	379-4412
12 J. J. Hunter	1 Lentz St., Rolling Hills	Irwin	15642	412	863-0363
13 J. M. Muchnok	R. D. 1, Box 376	Hopwood	15445	412	438-0368
14 J. E. Lamont	505 Fourth Avenue	Punxsutawney	15767	814	938-6271
15 G. A. Kephart	1257 School Street	Indiana	15701	412	465-7046
16 L. D. Kimmel	1237 Washington Street	Indiana	15701	412	465-2873
17 P. B. Gaddis	18 Pauline Drive West	Clearfield	16830	814	765-3610
18 Frank Zalisnock		St. Benedict	15773	814	948-9242
19 Lawrence Jones @	614 West Ogle Street	Ebensburg	15931	814	472-9282
20 E. N. Connor	1122 Rodgers Street	Nanty Glo	15943	814	746-7701
21 E. H. Pauley	1100 Cambria Street	Portage	15946	814	736-4427
22 Michael Phillips	Box 334	Jerome	15937	814	479-4345
23 C. H. Maize	322 West Union Street	Somerset	15501	814	445-4825
24 A. E. Valeri	Box 87, R. D. 2	Ebensburg	15931	814	472-8548

@ Chief Mine Inspectors

District	Bituminous Deep Mine Inspectors (As Of April 1, 1970)		ZIP CODE	AREA CODE	PHONE NO.
1	P. H. Hyatt	110 Wayne Avenue	Zelienople	16063	412 452-9154
2	W. E. Ray @	205 Westview Drive	Butler	16001	412 287-7245
3	W. L. Groves	320 North Market Street	Carmichaels	15320	412 966-5418
4	W. J. Vicinelly	15 Maple Avenue	Masontown	15461	412 583-9247
5	G. P. Resick	1608 Taylor Avenue	Arnold	15068	412 335-2197
6	Joseph Reggianni	Box 111	Webster	15087	412 379-4412
7	S. A. Fredrick	221 Charles Street	Belle Vernon	15012	412 929-5353
8	J. M. Hovanic	502 Second Street (Office)	Elizabeth	15037	412 284-4701
		111 Water Street (Home)	W. Brownsville	15418	412 785-7707
9	R. J. Emigh	111 South Highland Street	DuBois	15801	814 371-3505
10	C. F. Kelly	247 Meadow Street	Ford City	16226	412 763-7846
11	A. M. Pawlosky	R. D. 1	Hickory	15340	412 745-8177
12	J. J. Hunter	1 Lentz St., Rolling Hills	Irwin	15642	412 863-0363
13	J. M. Muchnok	R. D. 1, Box 376	Hopwood	15445	412 438-0368
14	J. E. Lamont	505 Fourth Avenue	Punxsutawney	15767	814 938-6271
15	G. A. Kephart	1257 School Street	Indiana	15701	412 465-7046
16	L. D. Kimmel	1237 Washington Street	Indiana	15701	412 465-2873
17	P. B. Gaddis	18 Pauline Drive West	Clearfield	16830	814 765-3610
18	A. M. Williams	Box 23	Apollo	15613	412 472-6031
19	Lawrence Jones @	614 West Ogle Street	Ebensburg	15931	814 472-9282
20	E. N. Connor	1122 Rodgers Street	Nanty Glo	15943	814 746-7701
21	E. H. Pauley	1100 Cambria Street	Portage	15946	814 736-4427
22	Michael Phillips	Box 334	Jerome	15937	814 479-4345
23	C. H. Maize	322 West Union Street	Somerset	15501	814 445-4825
24	A. E. Valeri	Box 87, R. D. 2	Ebensburg	15931	814 472-8548

@ Chief Mine Inspectors

Bituminous Electrical Inspectors

Ed. C. Houston, Chief	340 Washington Street	Springdale	15144	412 274-8435
Albin O. Johnson	R. D. No. 1	Home	15747	412 397-2447
John M. Jurcevic	517 Longrun Road	McKeesport	15132	412 673-0962
Stephen Marsinek	500 Pittsburgh Road	Uniontown	15401	412 438-6943
John E. Pringle	Office: Burkey's Trailer Court Home: P. O. Box 55	Ebensburg Merrittstown	15931 15463	814 472-8421 412 246-9187
Edgar R. Shoemaker	217 Marlboro Drive	New Kensington	15068	412 335-0307

Mine Safety Co-Ordinator

Edward C. Urbany	1525 Sixth Street	Waynesburg	15370	412 627-5531
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Bituminous Mine Rescue and First Aid Instructors

John P. Kelly, Sr.	31 Brenda Avenue	Jeannette	15644	412 744-3141
Charles F. Erickson	1022 Conemaugh Avenue	Portage	15946	814 736-8678
James Hockin	R. D. 1	Greensboro	15338	412 943-5477
Kenneth R. Laughery	212 Dixon Boulevard	Uniontown	15401	412 437-7791
Summerhill Mine Rescue Station				814 495-4541

Bituminous Mine Air Testers

John Steir	R. D. 1	Patton	16668	814 674-2232
Edward Hughes	601 Thirteenth Street	Windber	15963	814 467-8548
Raymond A. Webb	213 Second Street	Mather	15346	412 883-2644
William Harrison	Box 283	Mather	15346	412 883-5355
These men may also be reached through the Ebensburg Office or the Summerhill Mine Rescue Station				814 472-7191 412 495-4541

Bituminous Waste Disposal Investigators

Thomas McClemens, Chief	R. D. 3	Stoystown	15563	814 893-5423
Norman J. McDowell	Box 85	Hawk Run	16840	814 342-4337
Harlen F. Spencer	212 South Penn Street	Punxsutawney	15767	814 938-4830
Norman Crago	300 Tenth Street	Philipsburg	16866	814 342-2533

Bureau of Mining Area Restoration

A. E. Molinski, Director	122 South Center Street	Ebensburg	15931	814 472-9666
Wm. M. Wheeler, Dis. Engr.	66 North Gallatin Avenue	Uniontown	15401	412 437-6730
W. J. Zimmerman, Dis. Engr.	458 Main Street	Reynoldsville	15851	814 653-2991



















